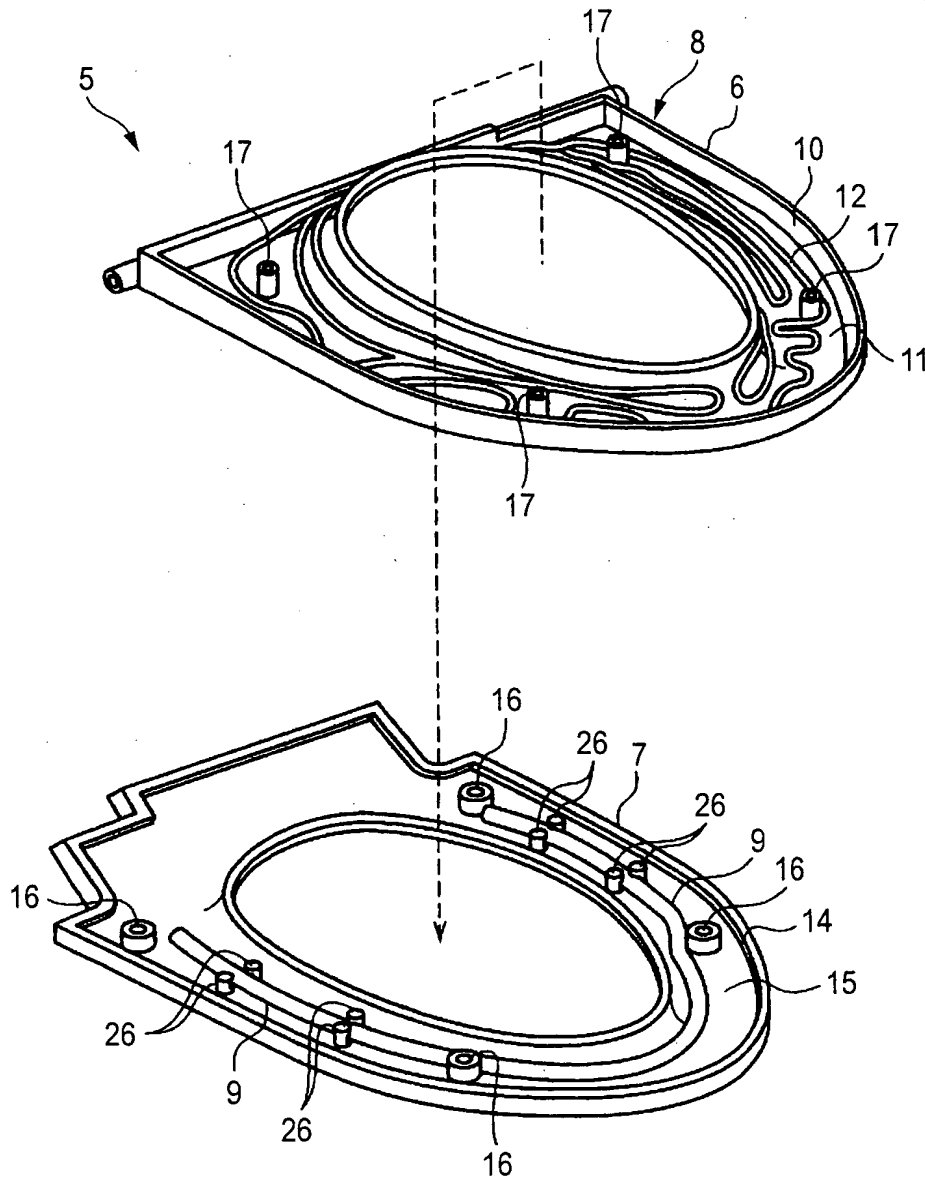


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FIG. 1



- 5: TOILET SEAT APPARATUS
- 6: UPPER LID (RIGID BODY)
- 7: BASE PLATE
- 8: CASE
- 9: PIEZOELECTRIC SENSOR
(VIBRATION DETECTING SENSOR)

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FIG. 2

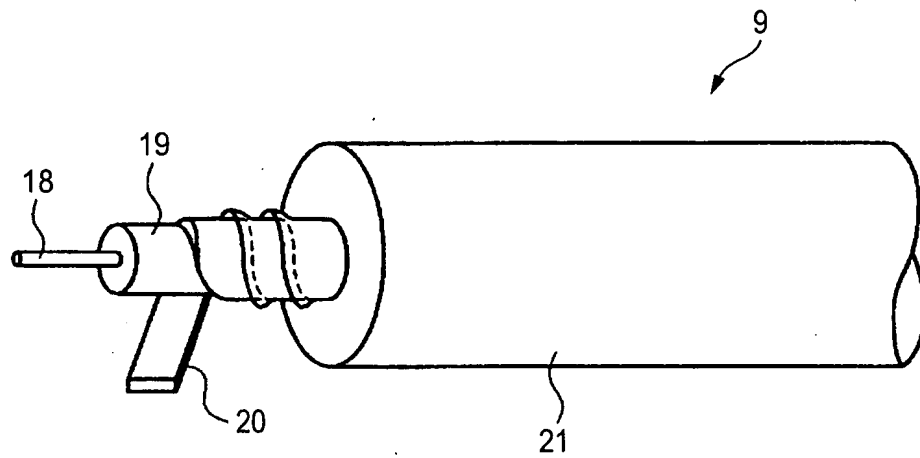
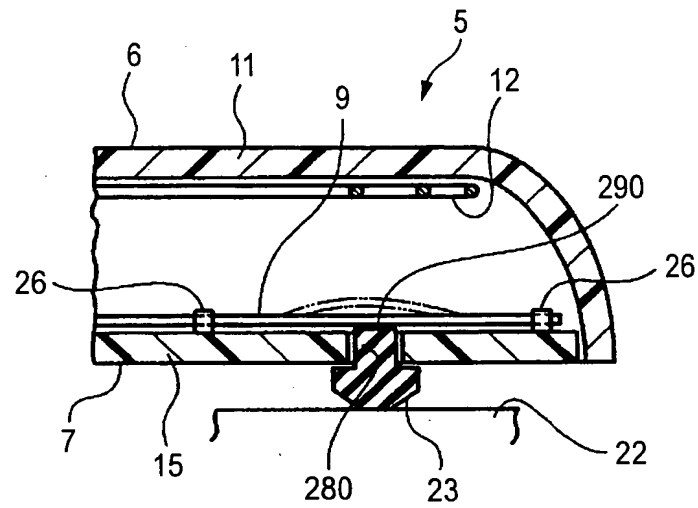


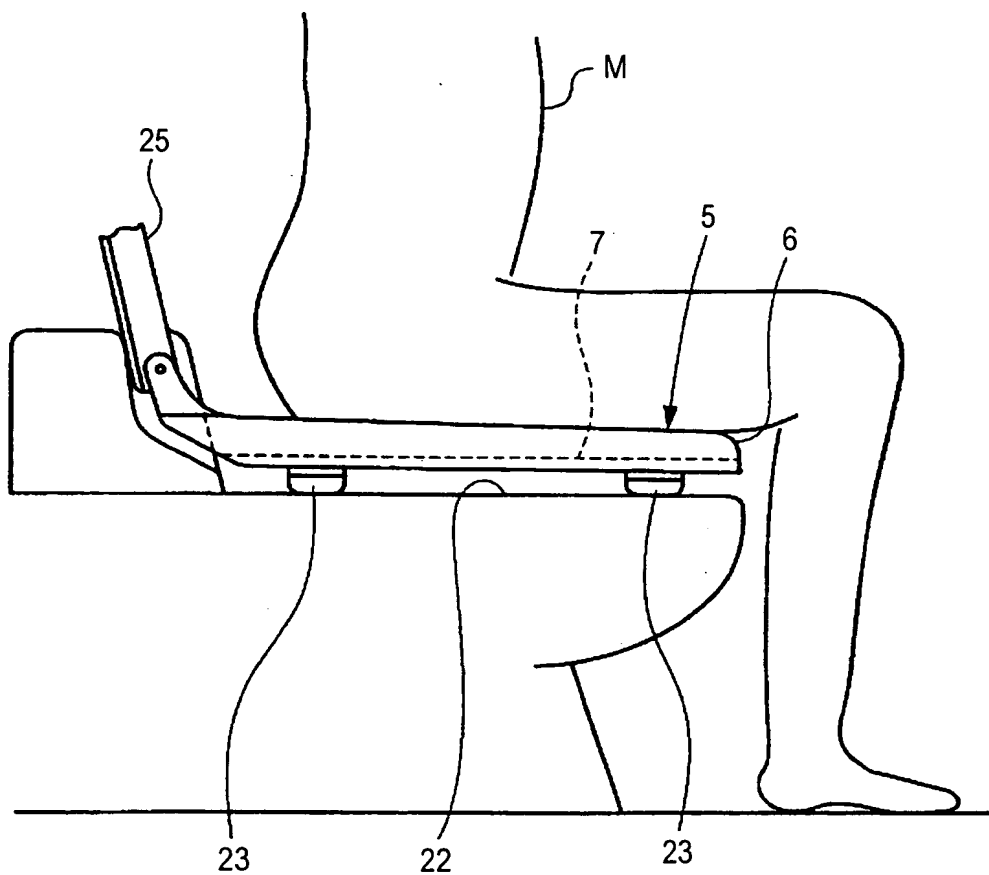
FIG. 1 is a perspective view of a toilet with a bidet sprayer assembly. The assembly includes a water supply line (24) connected to a valve (23) on the side of the toilet tank. A hose (25) leads from the valve to a sprayer head (5) mounted on the toilet seat. The sprayer head has a nozzle (7) and a trigger gun (15). The toilet bowl is labeled 22.

FIG. 4



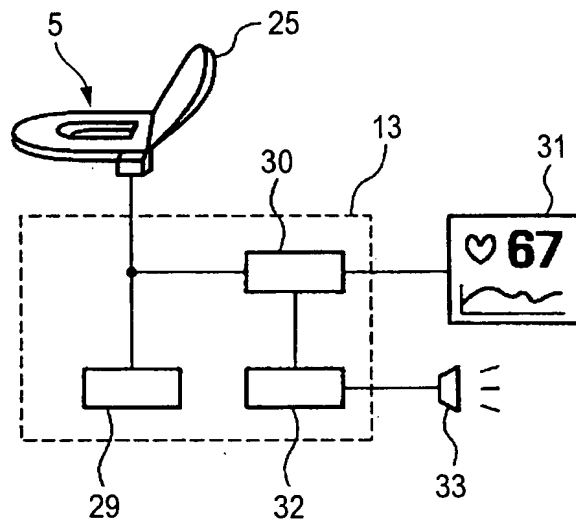
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FIG. 5



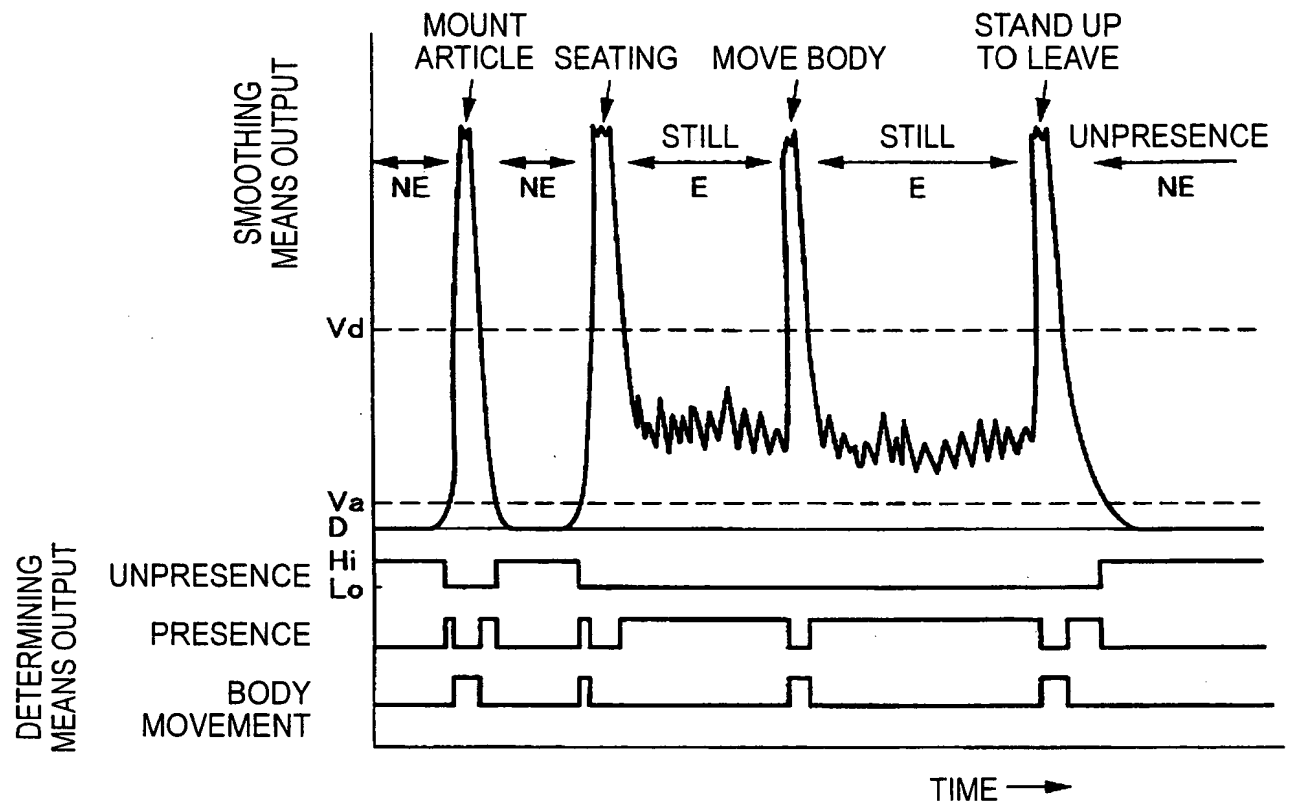
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FIG. 6



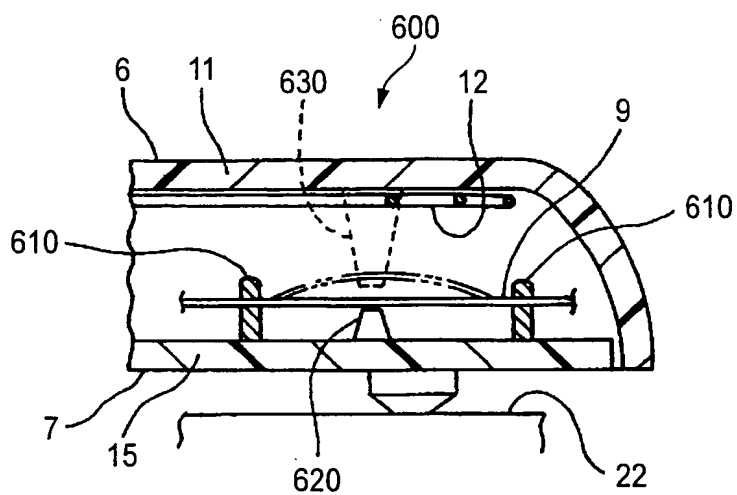
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FIG. 7



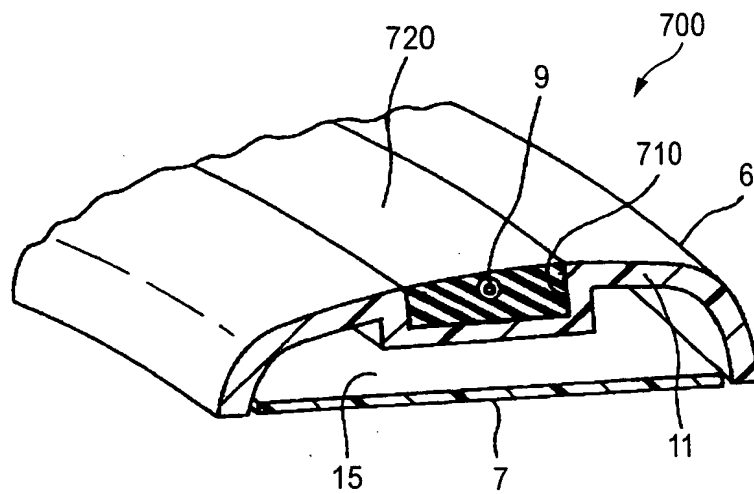
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FIG. 8



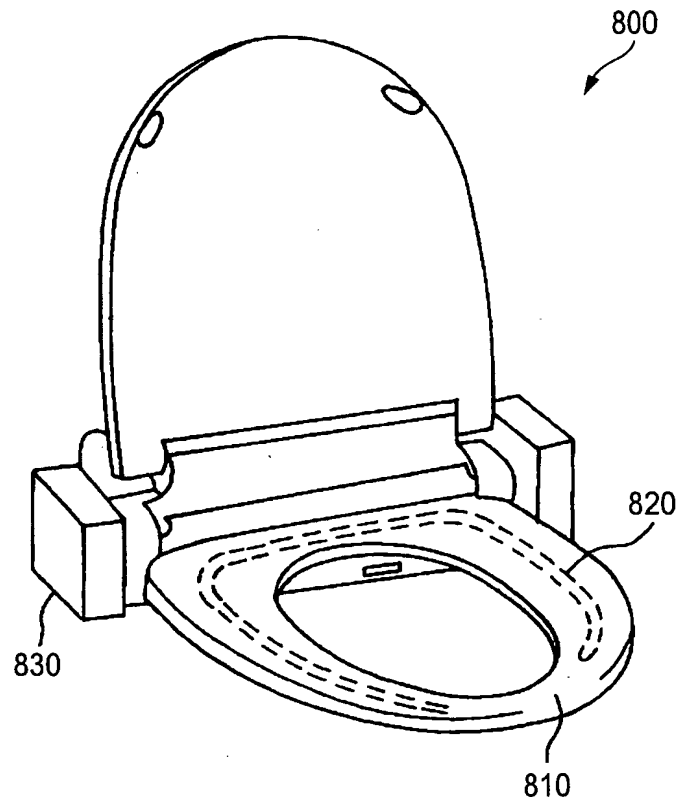
9/43

FIG. 9

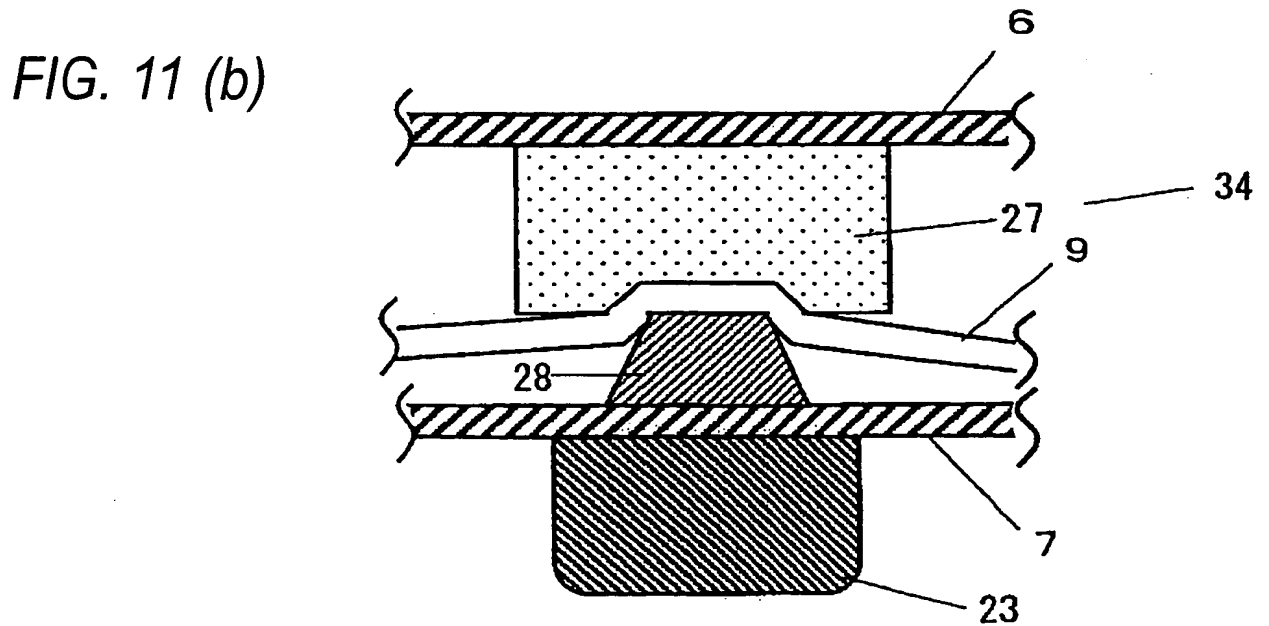
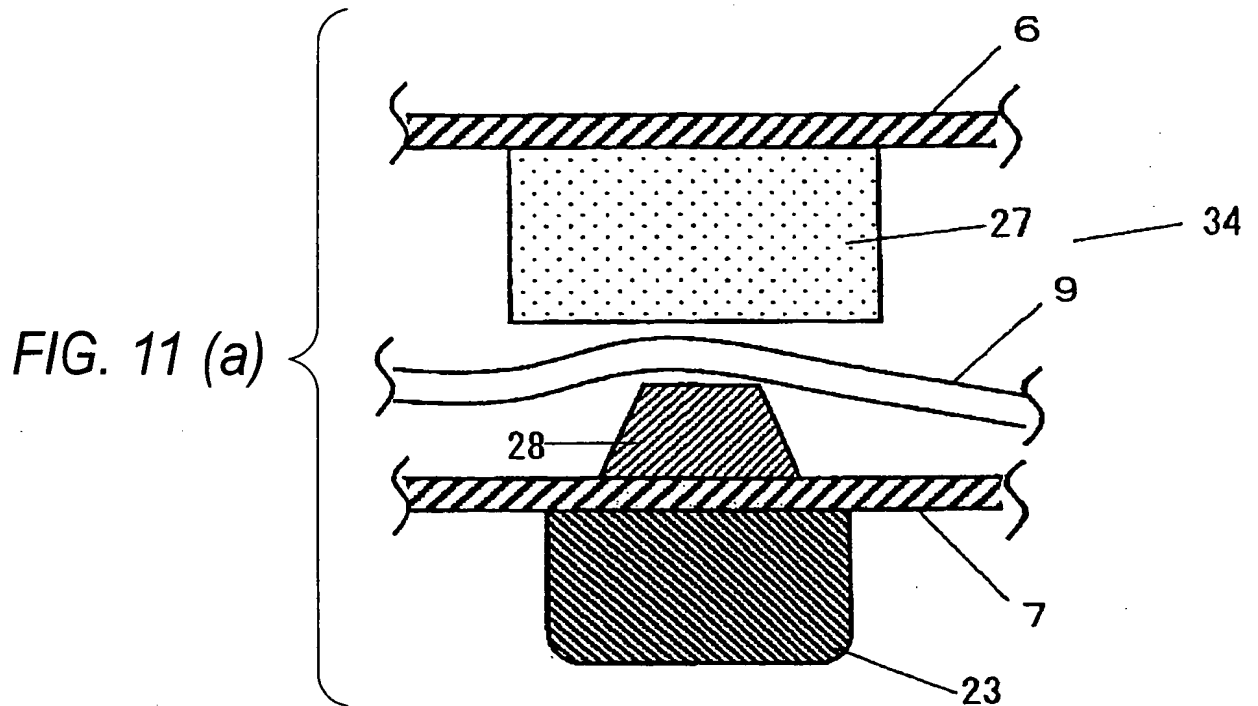


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FIG. 10

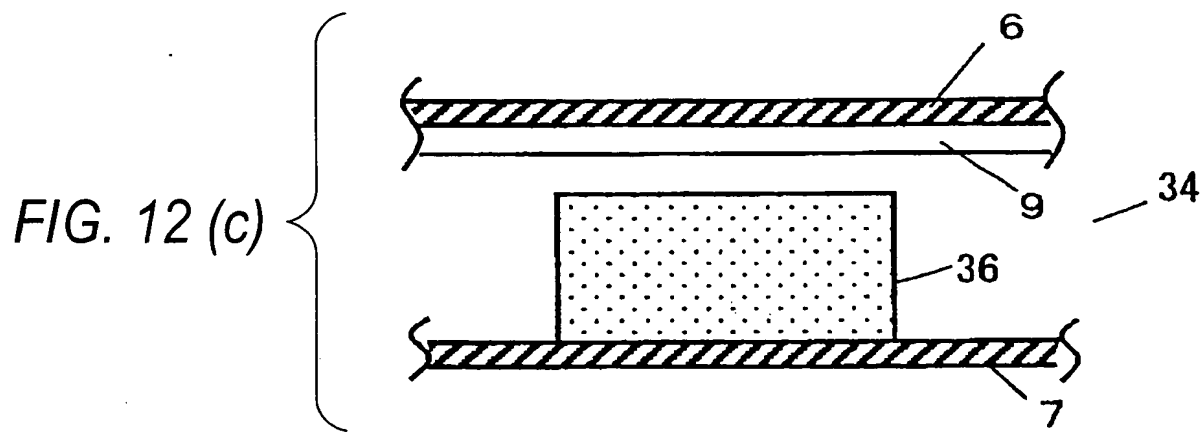
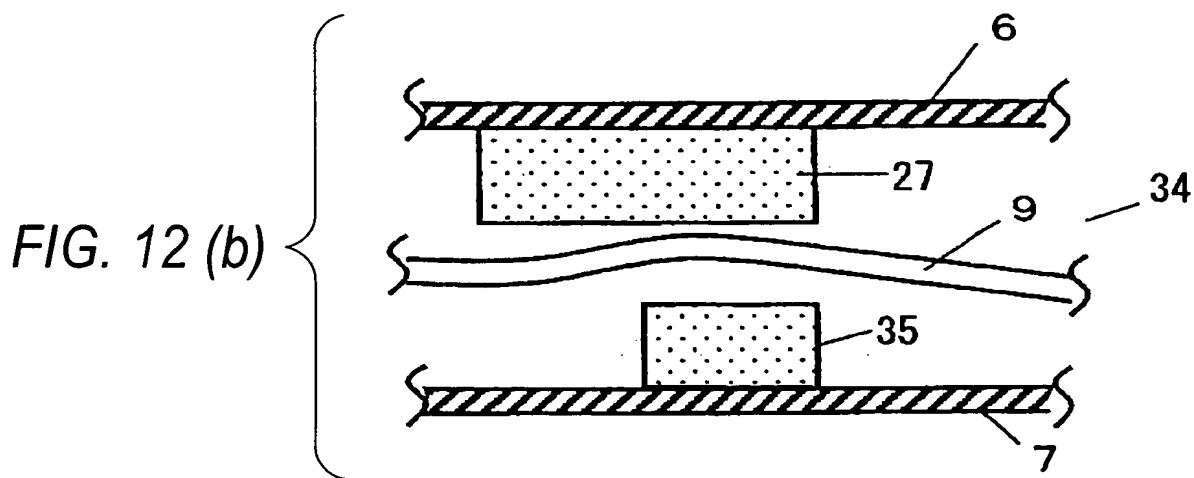
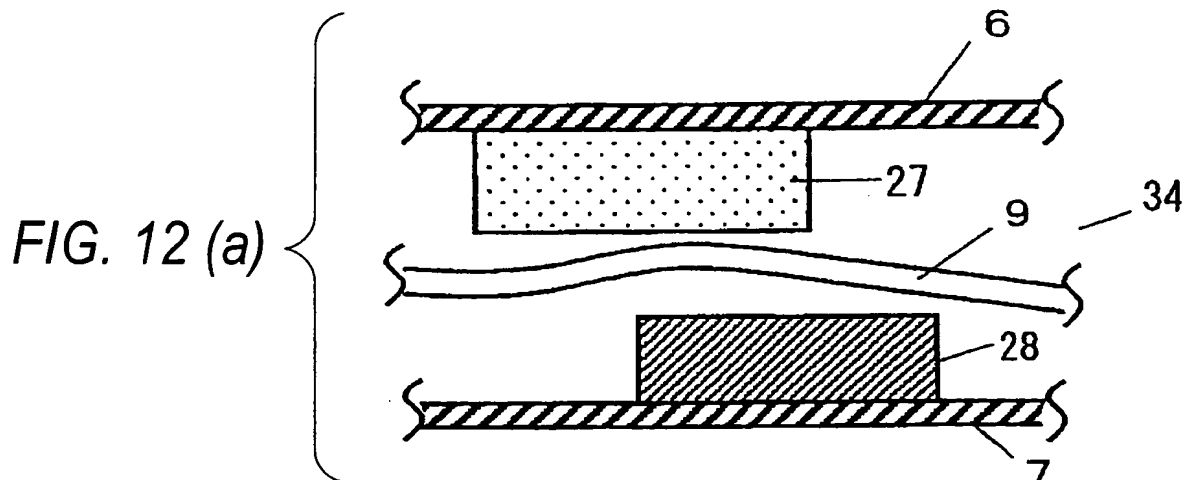


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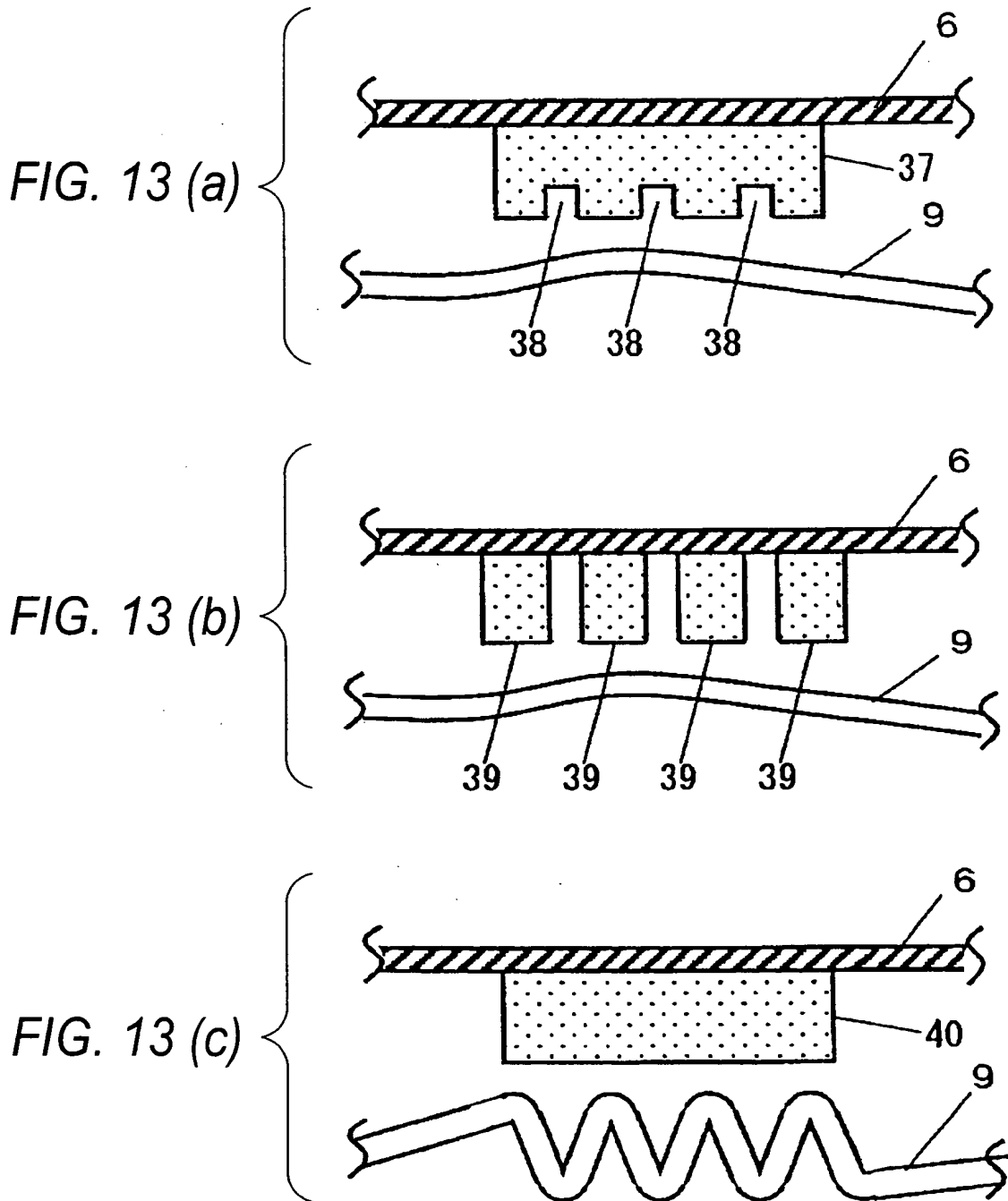


27: PRESSING MEANS (AMPLIFYING MEANS)
 28: PROJECTION (AMPLIFYING MEANS)
 34: VIBRATION DETECTING APPARATUS

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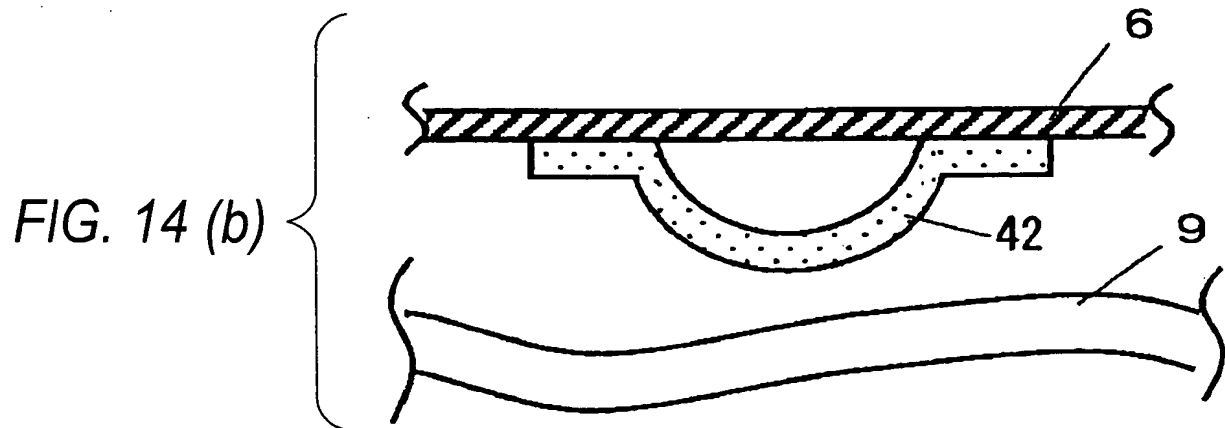
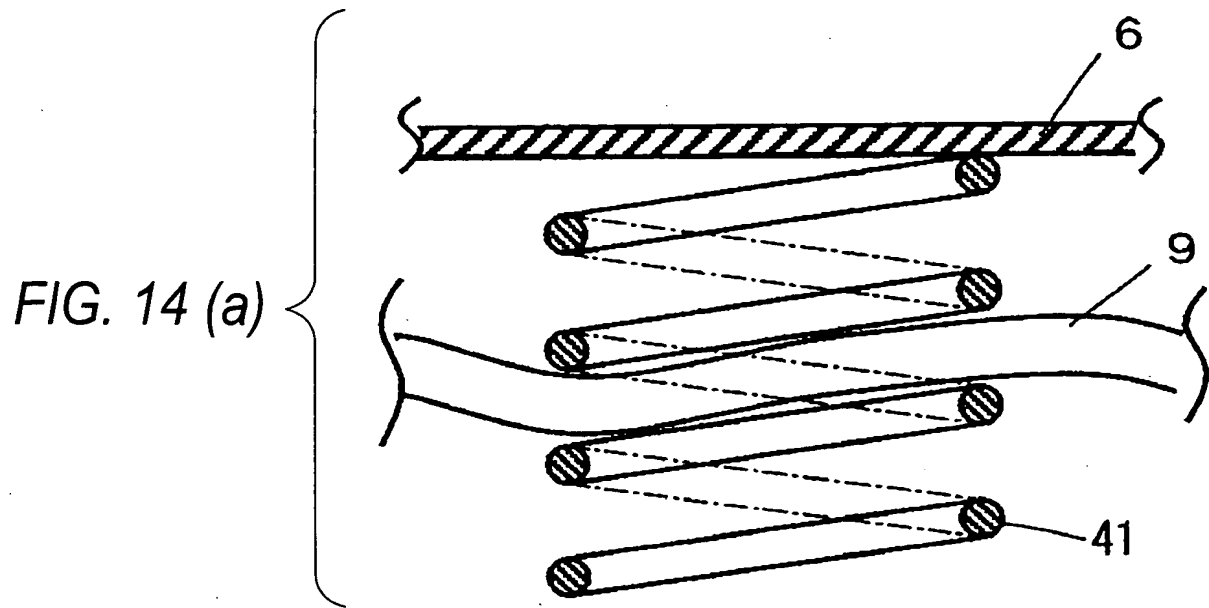


35, 36: PRESSING MEANS (AMPLIFYING MEANS)



37, 39, 40: PRESSING MEANS (AMPLIFYING MEANS)

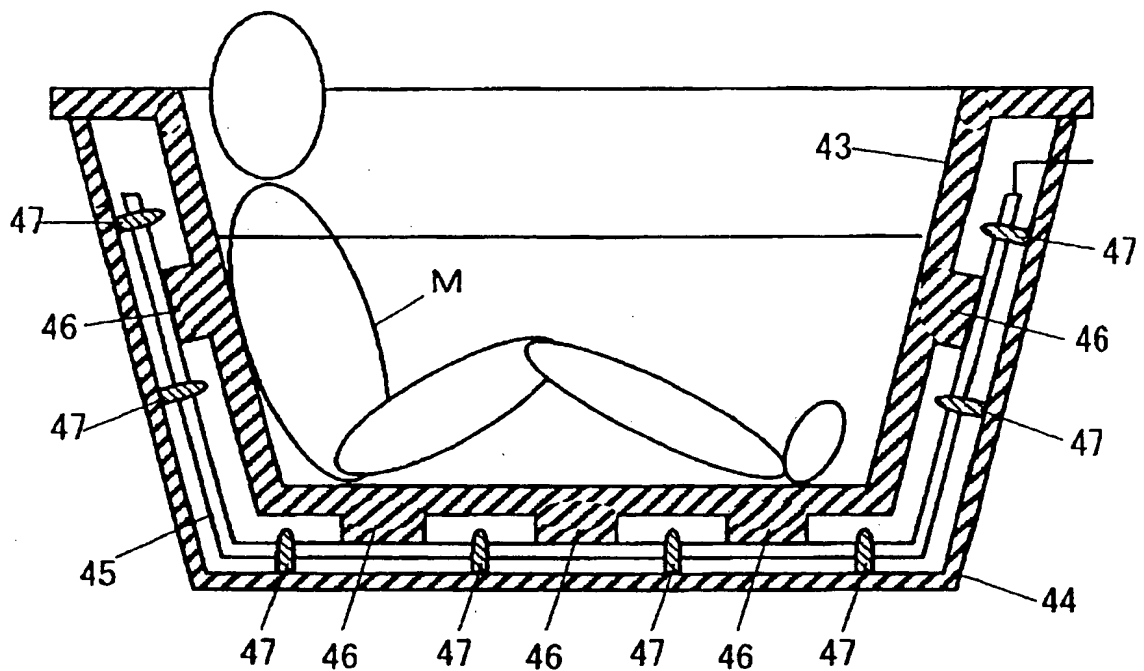
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41, 42: PRESSING MEANS (AMPLIFYING MEANS)

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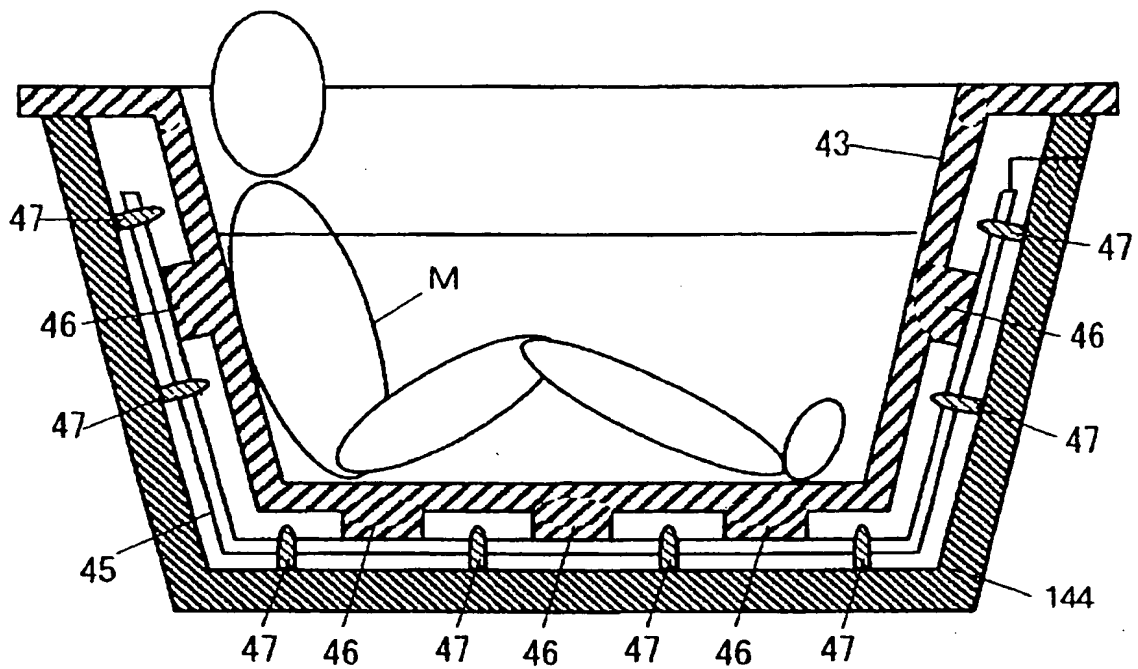
FIG. 15 (a)



- 43: BATH TUB (RIGID BODY)
45: PIEZOELECTRIC SENSOR (VIBRATION DETECTING SENSOR)
46: PROJECTION (AMPLIFYING MEANS)

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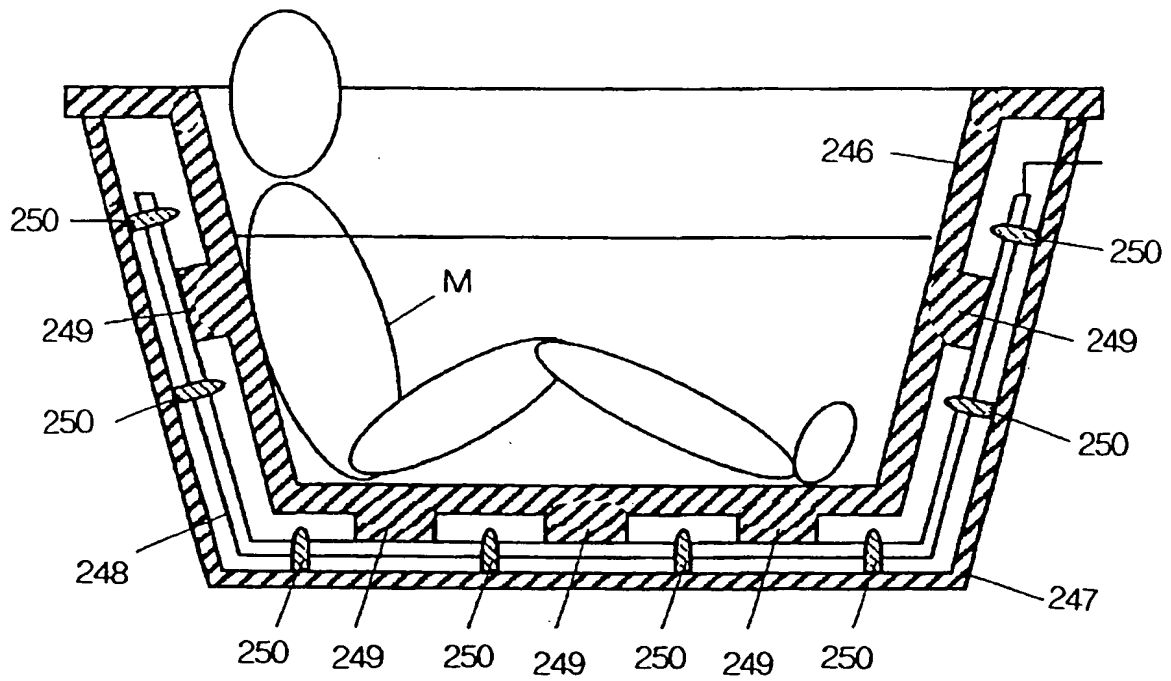
FIG. 15 (b)



- 43: BATH TUB (RIGID BODY)
- 144: OUTER FRAME (FIXING PORTION)
- 45: PIEZOELECTRIC SENSOR (VIBRATION DETECTING SENSOR)

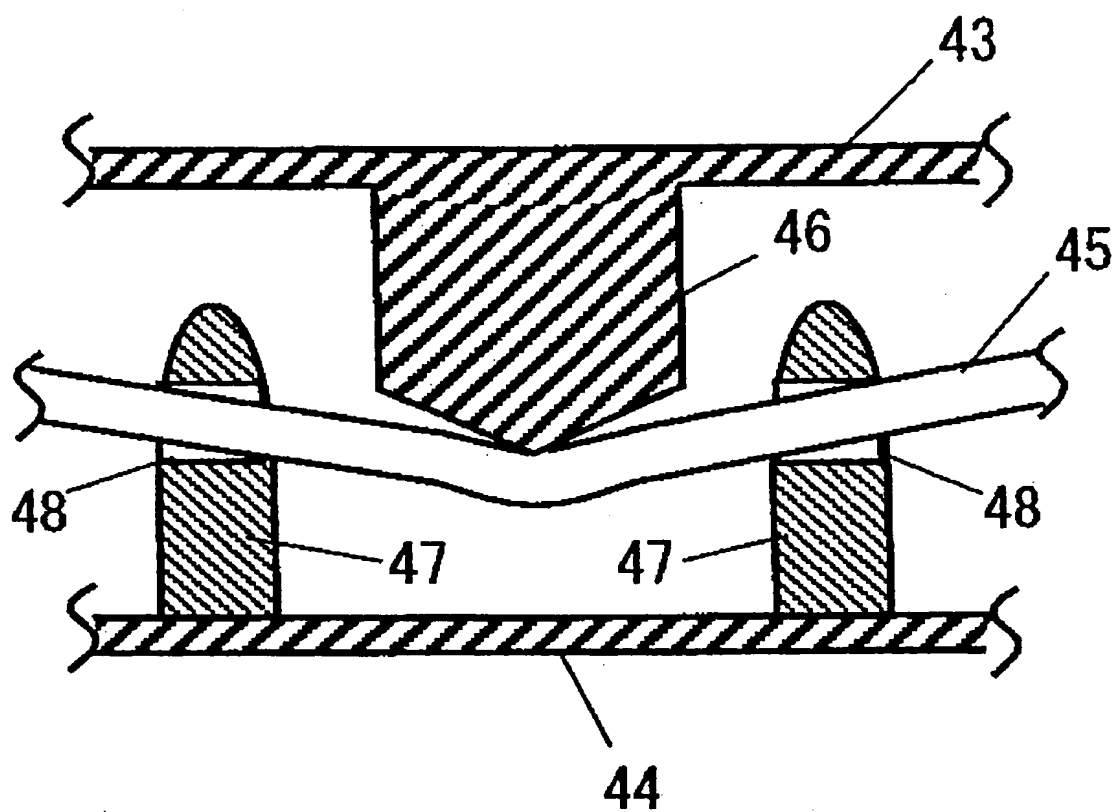
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FIG. 15 (c)



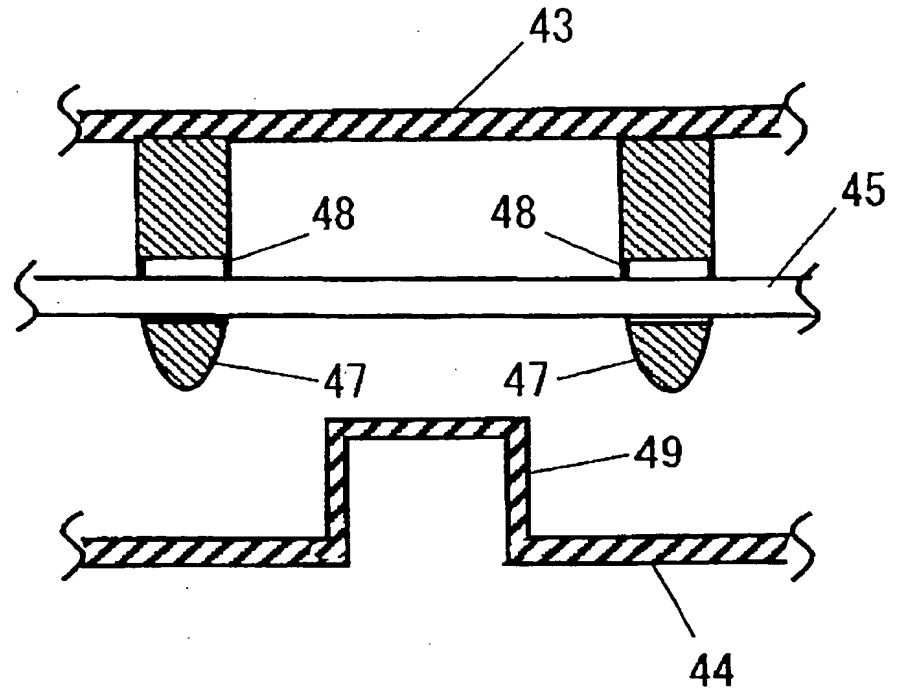
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FIG. 16



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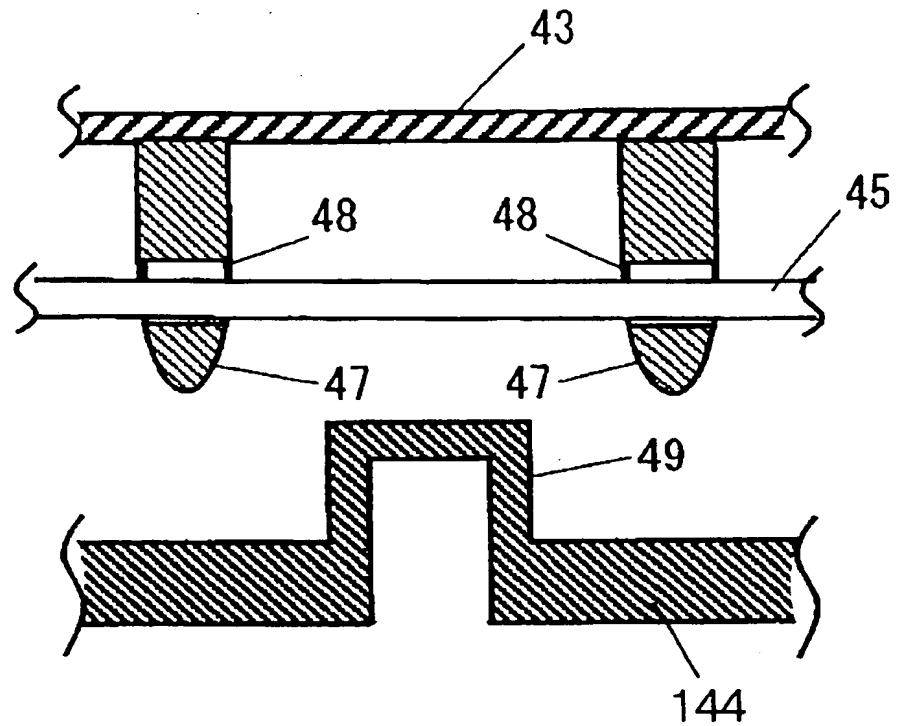
FIG. 17 (a)



49: PROJECTION (AMPLIFYING MEANS)

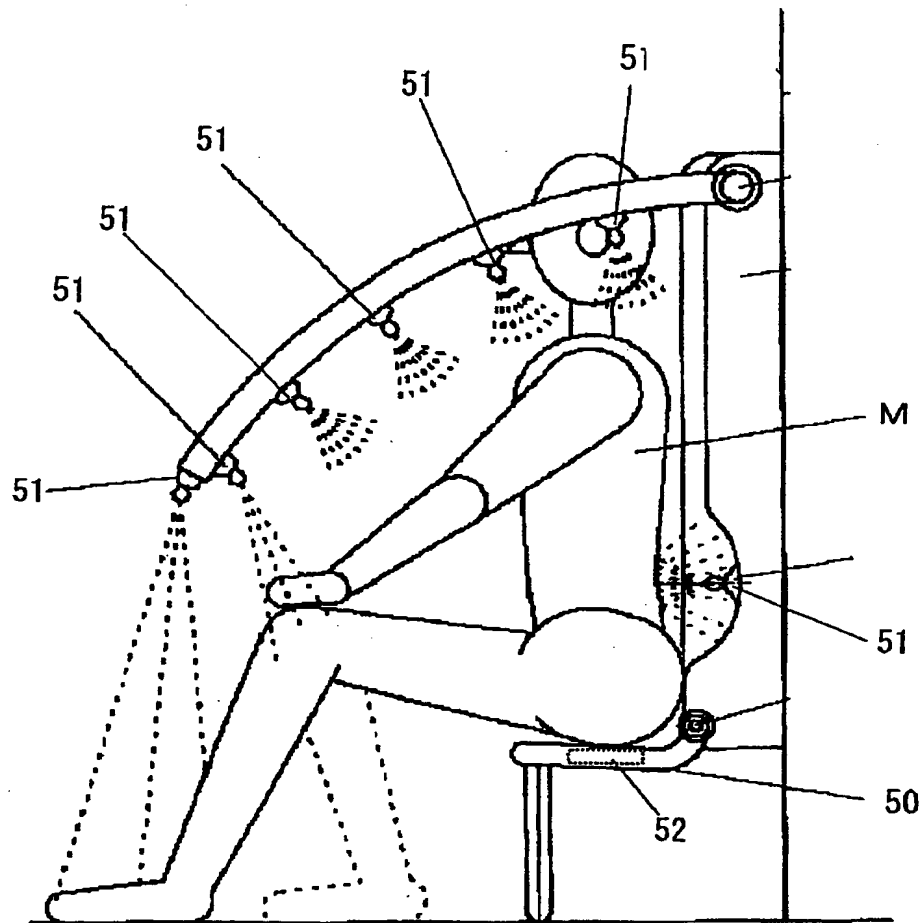
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FIG. 17 (b)



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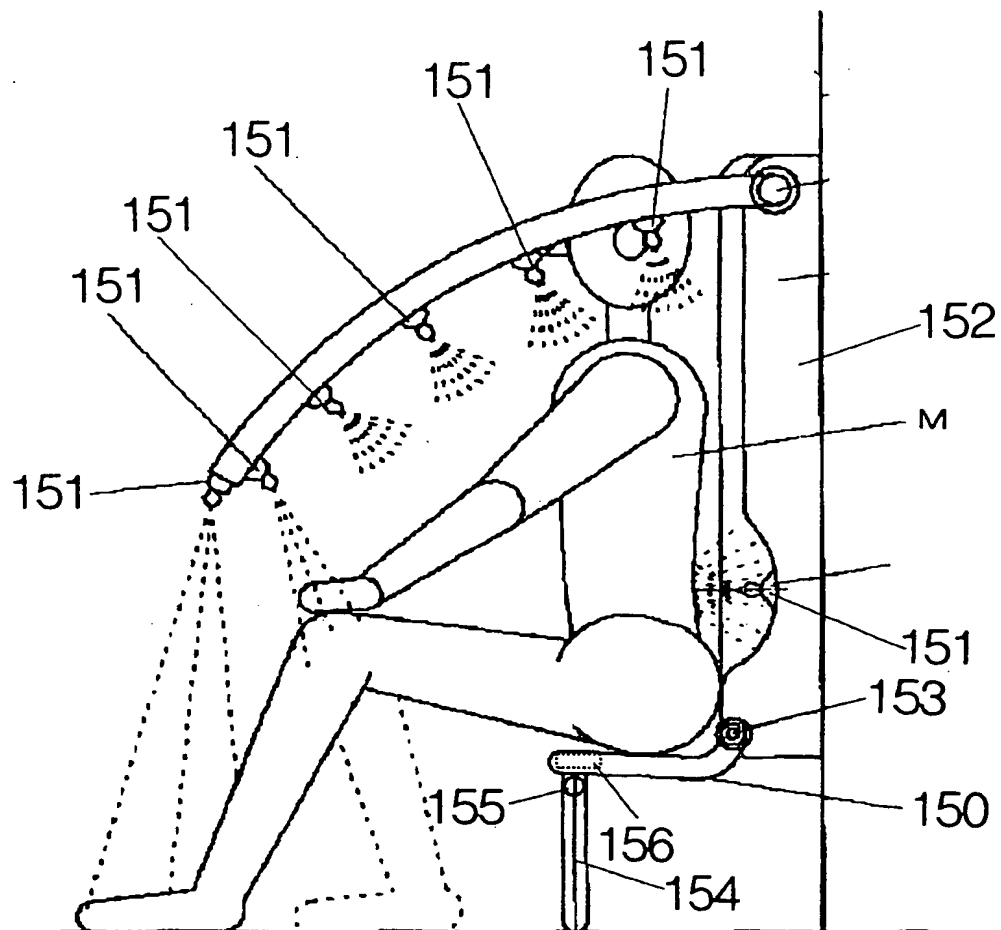
FIG. 18 (a)



50: SEAT (RIGID BODY)
52: VIBRATION DETECTING APPARATUS

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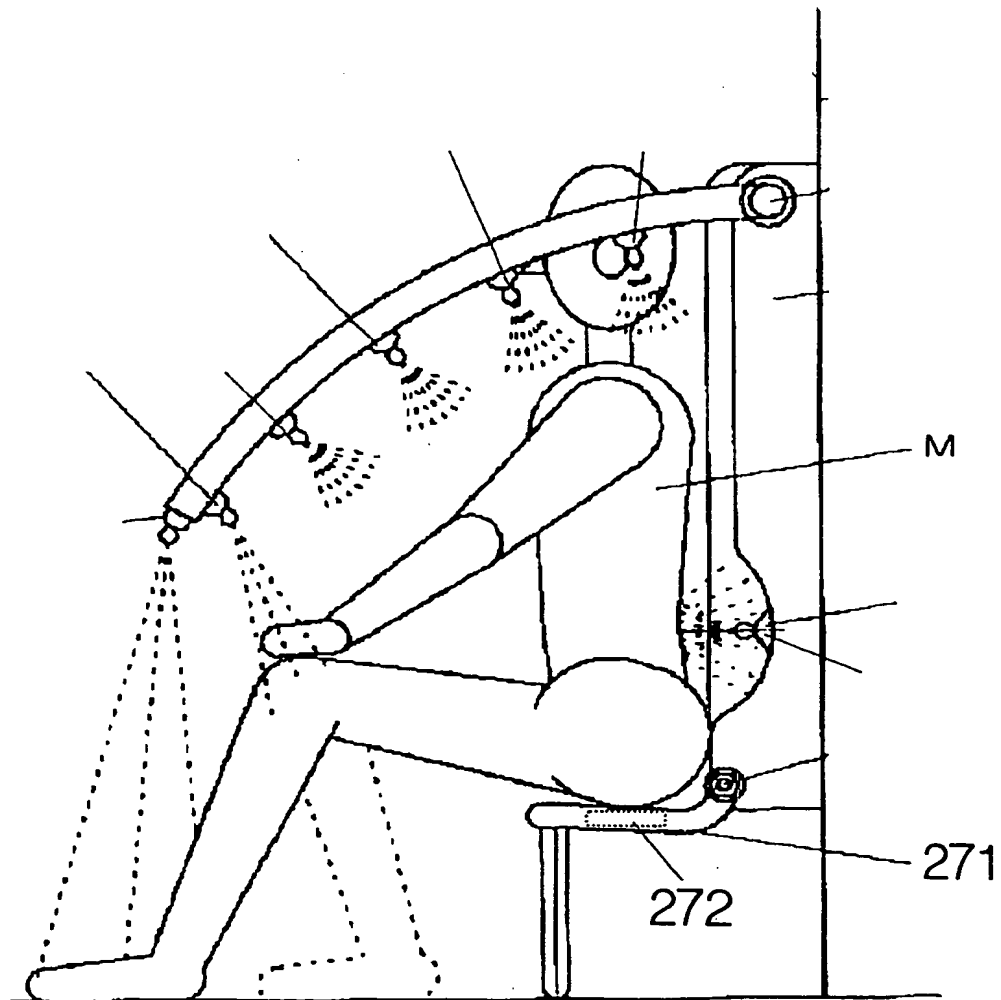
FIG. 18 (b)



150: SEAT (RIGID BODY)
154: SUPPORT PLATE (FIXING PORTION)
156: VIBRATION DETECTING APPARATUS

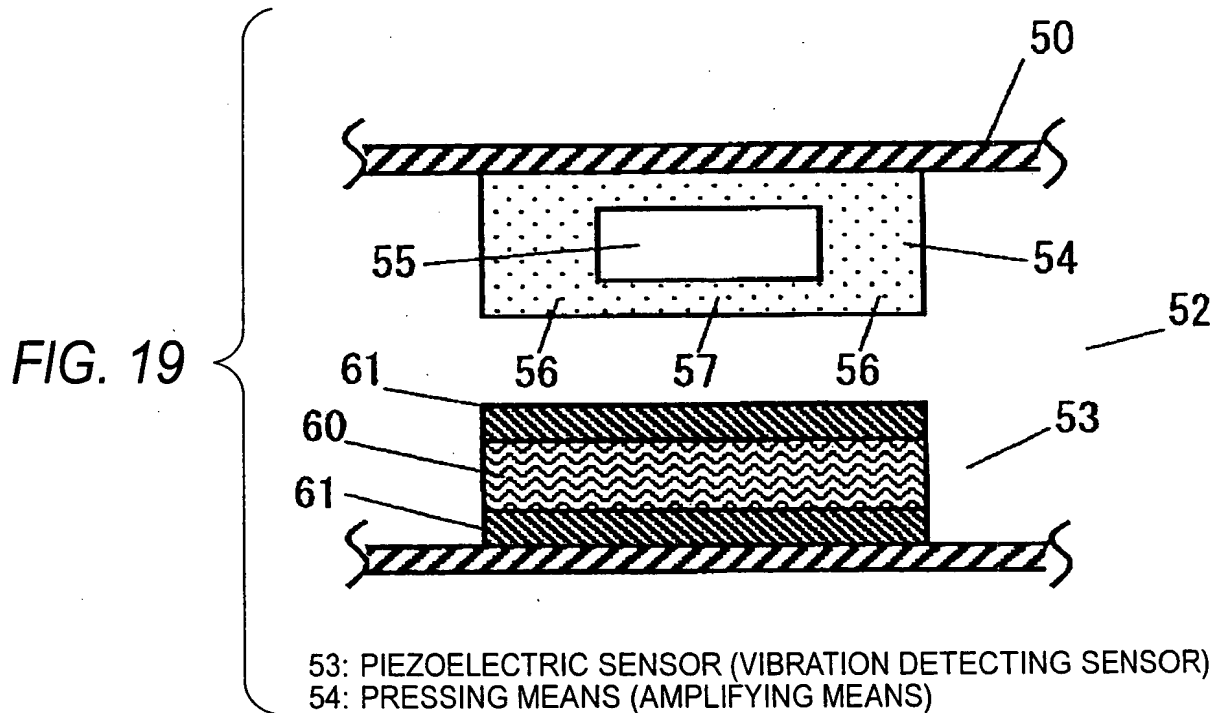
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FIG. 18 (c)

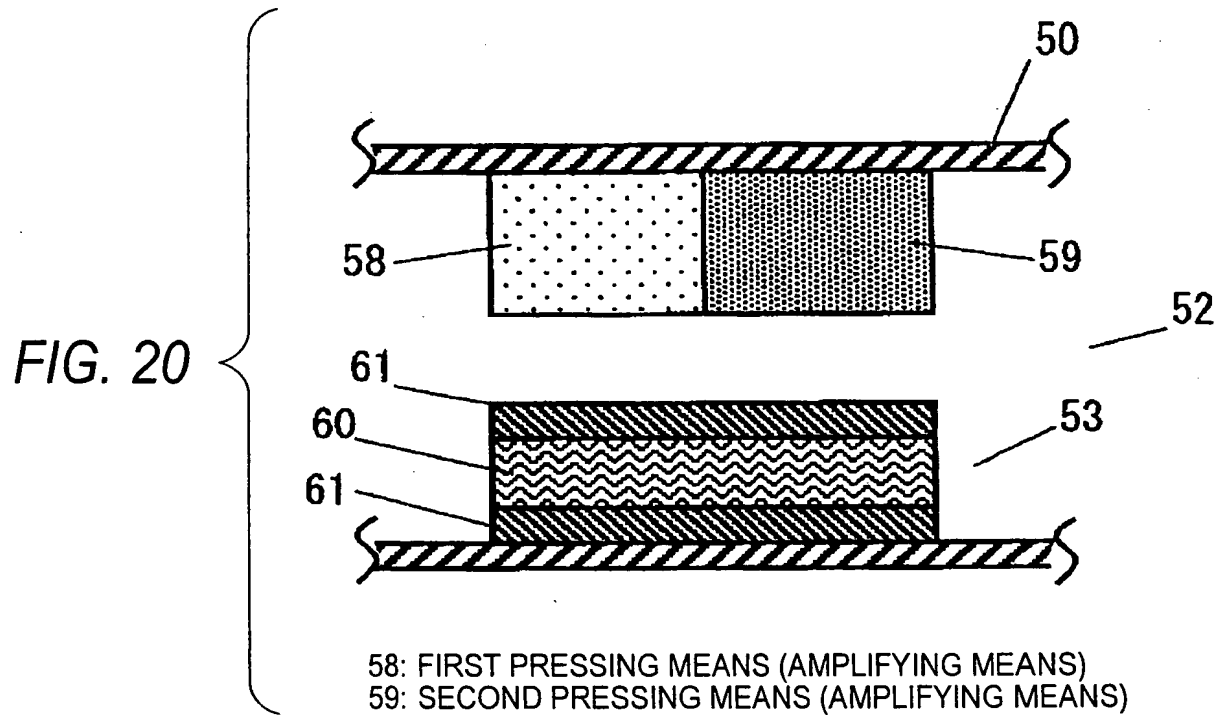


272: PIEZOELECTRIC SENSOR

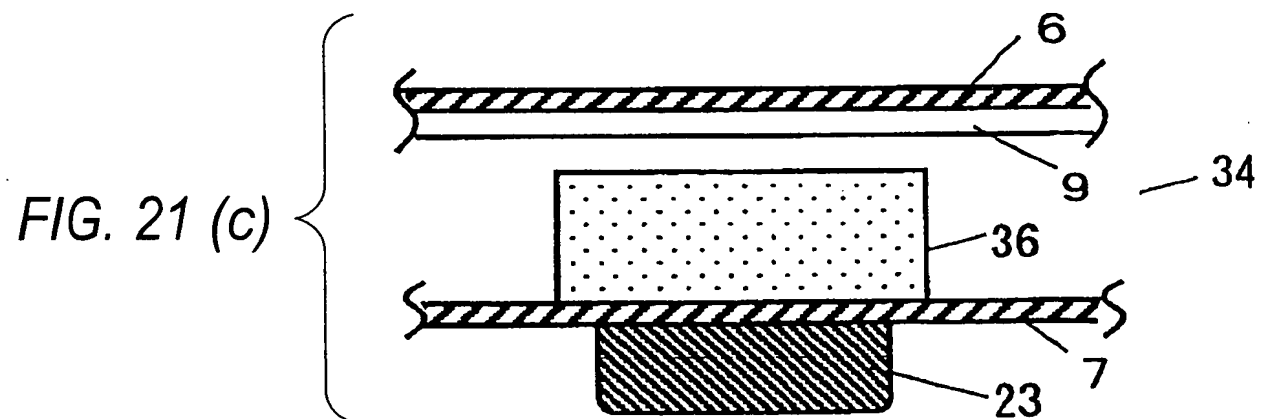
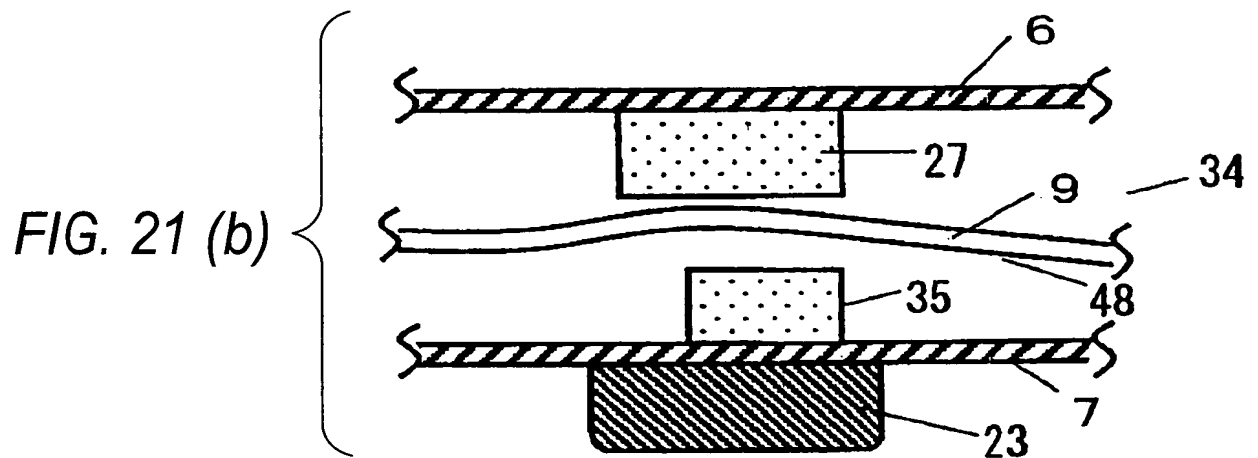
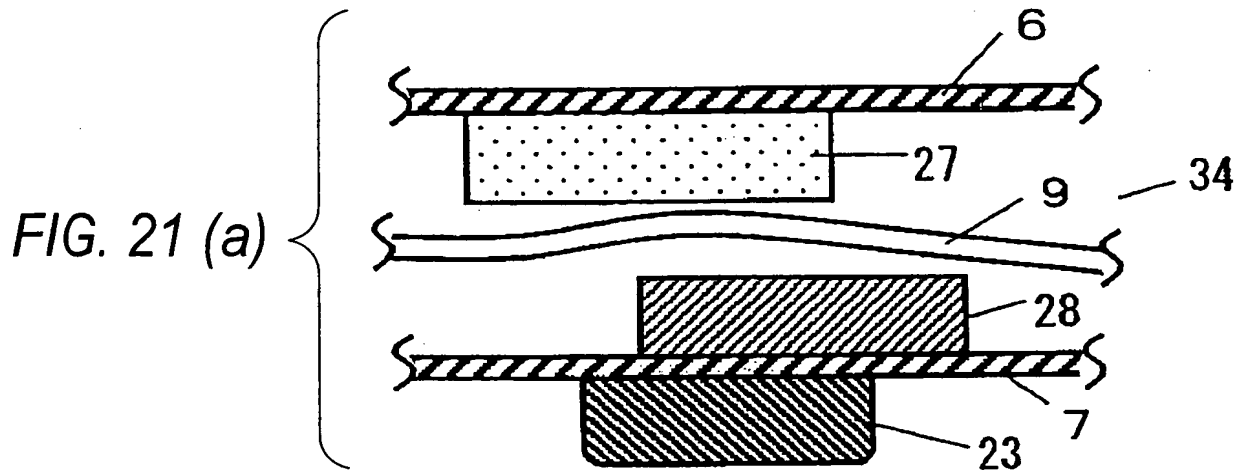
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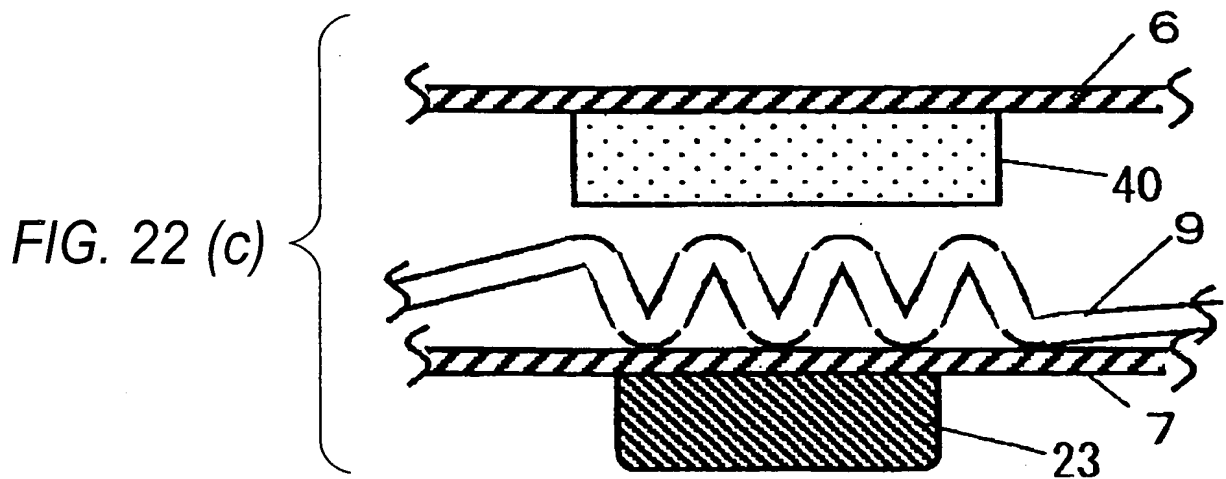
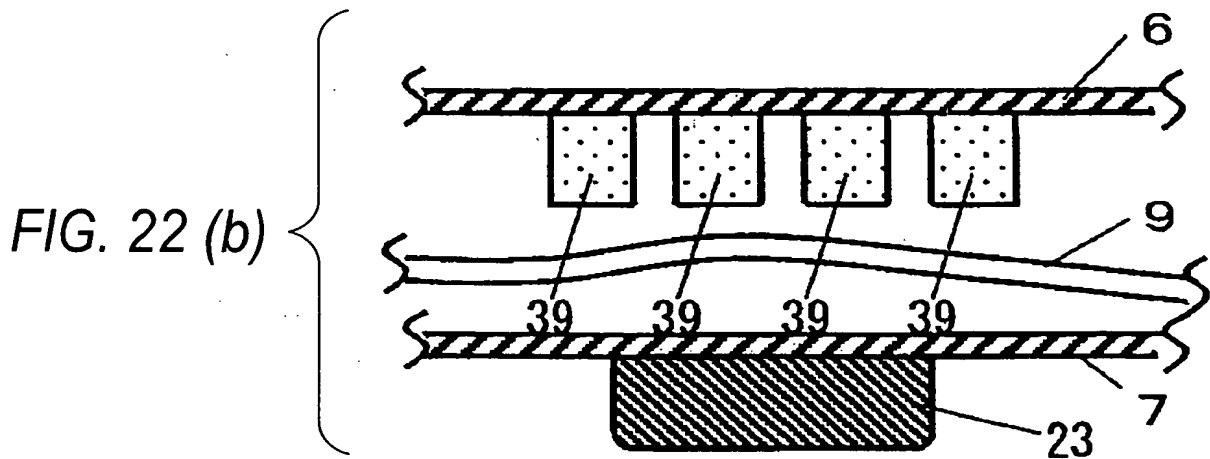
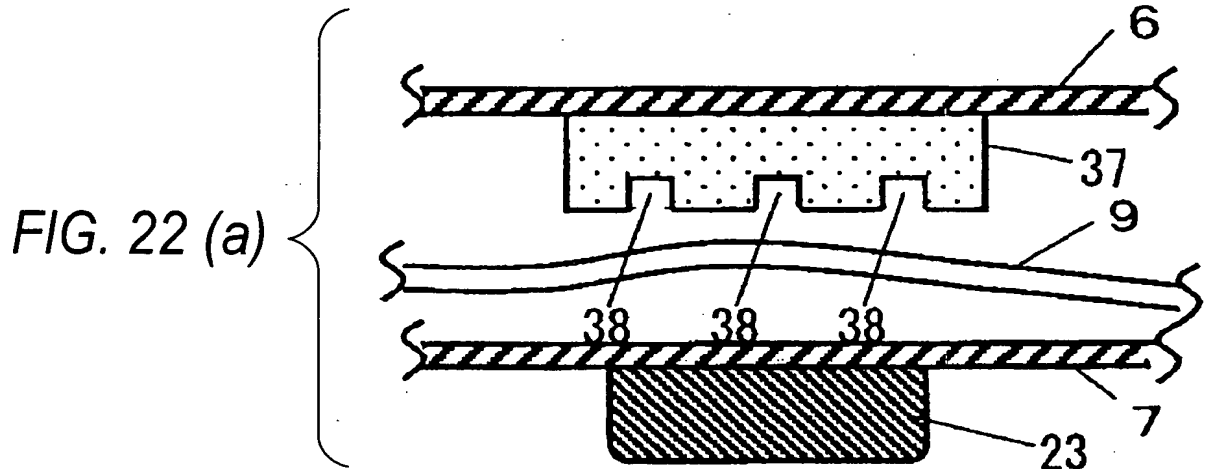
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FIG. 23 (a)

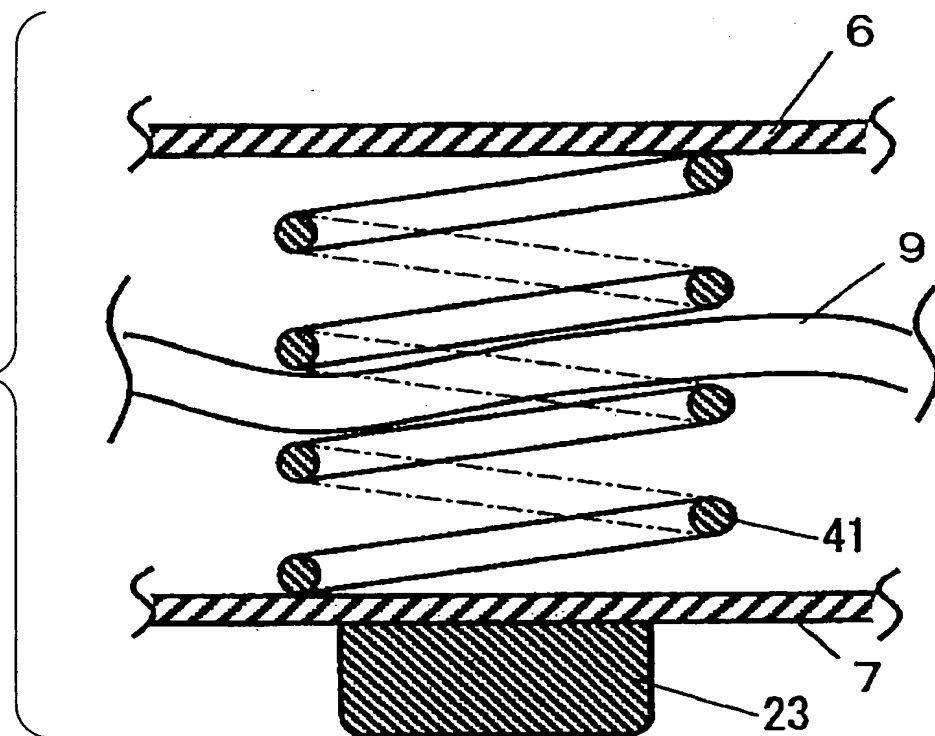
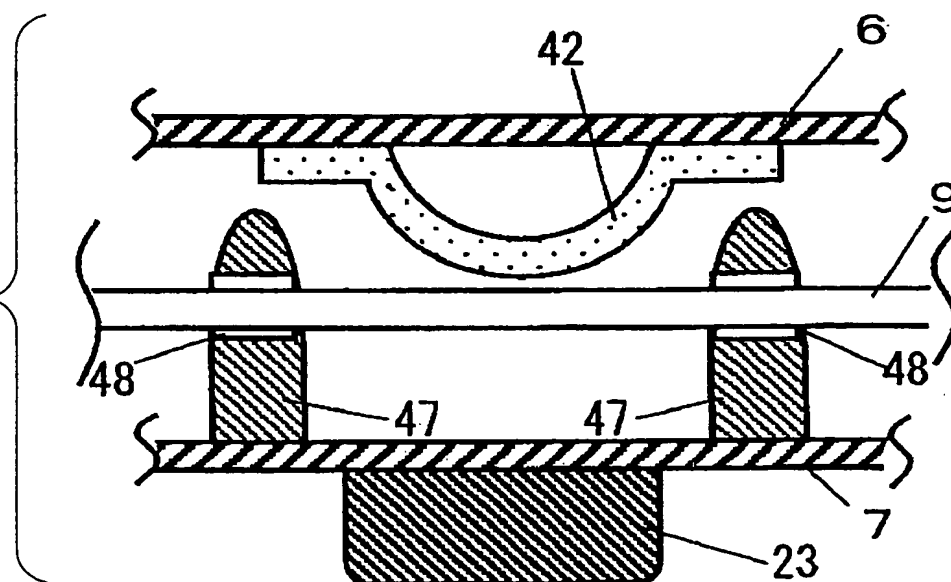
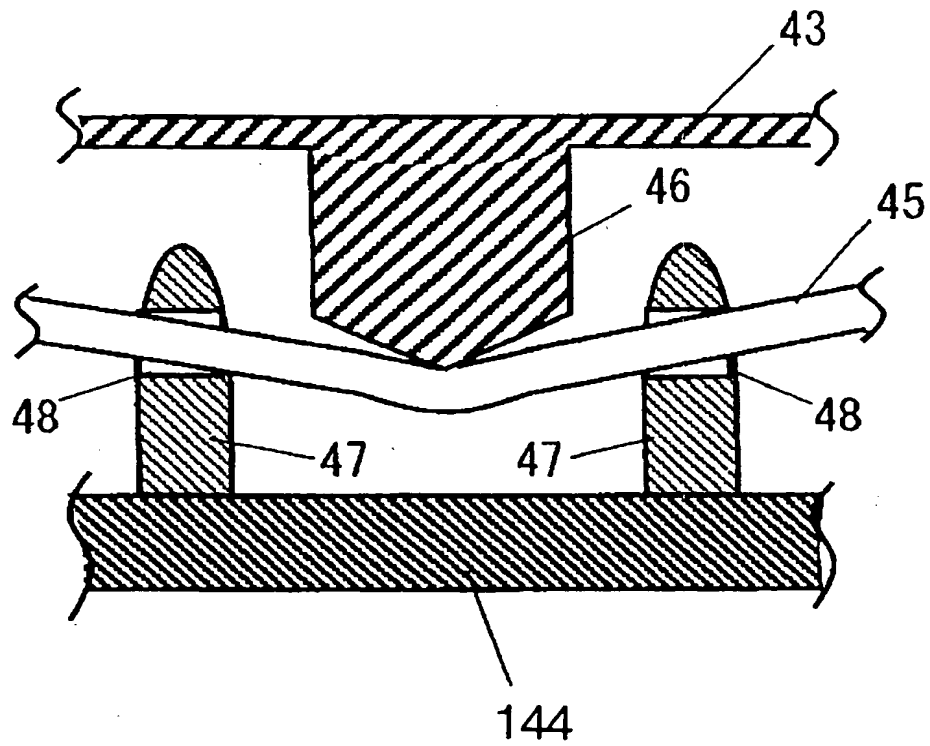


FIG. 23 (b)

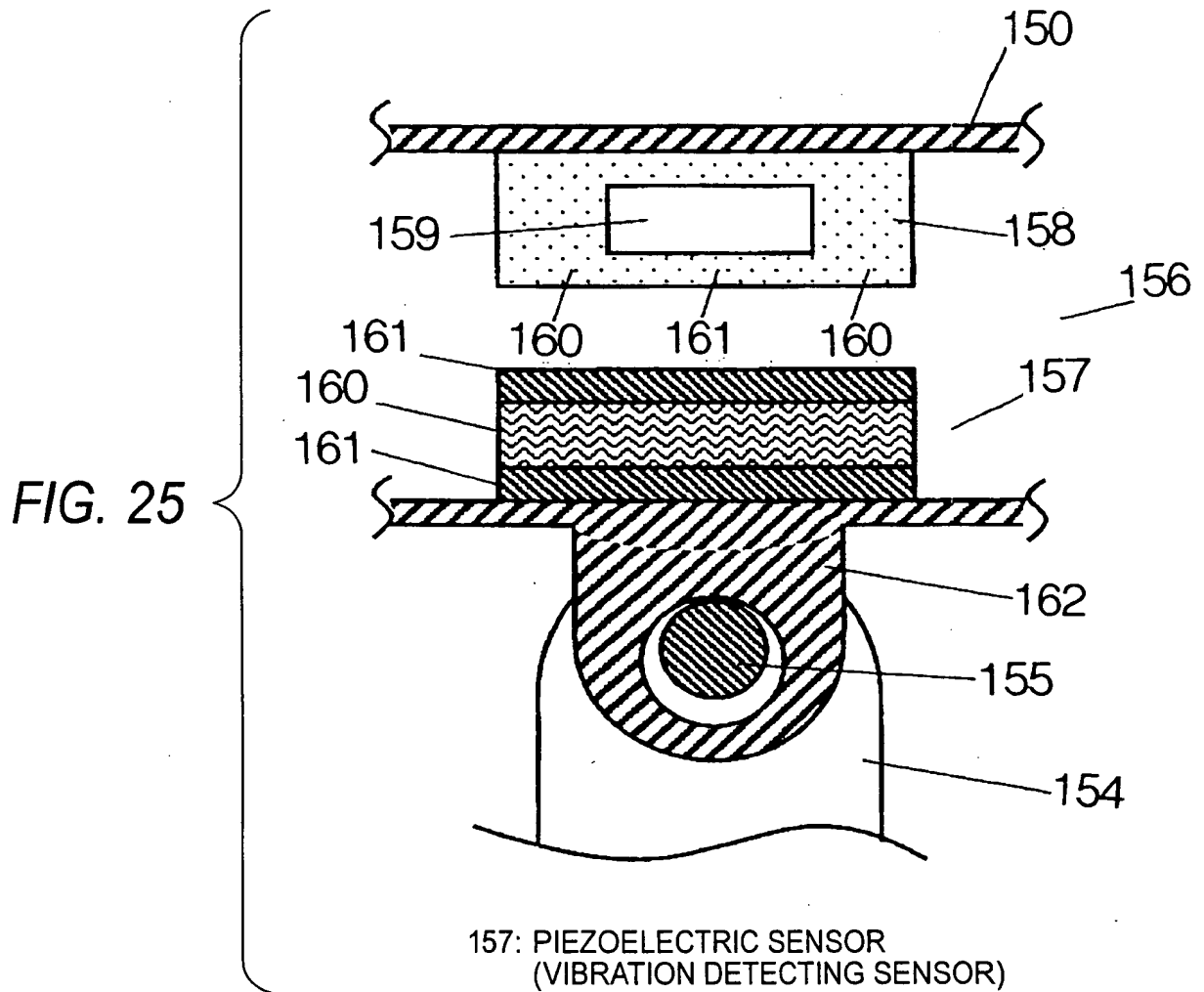


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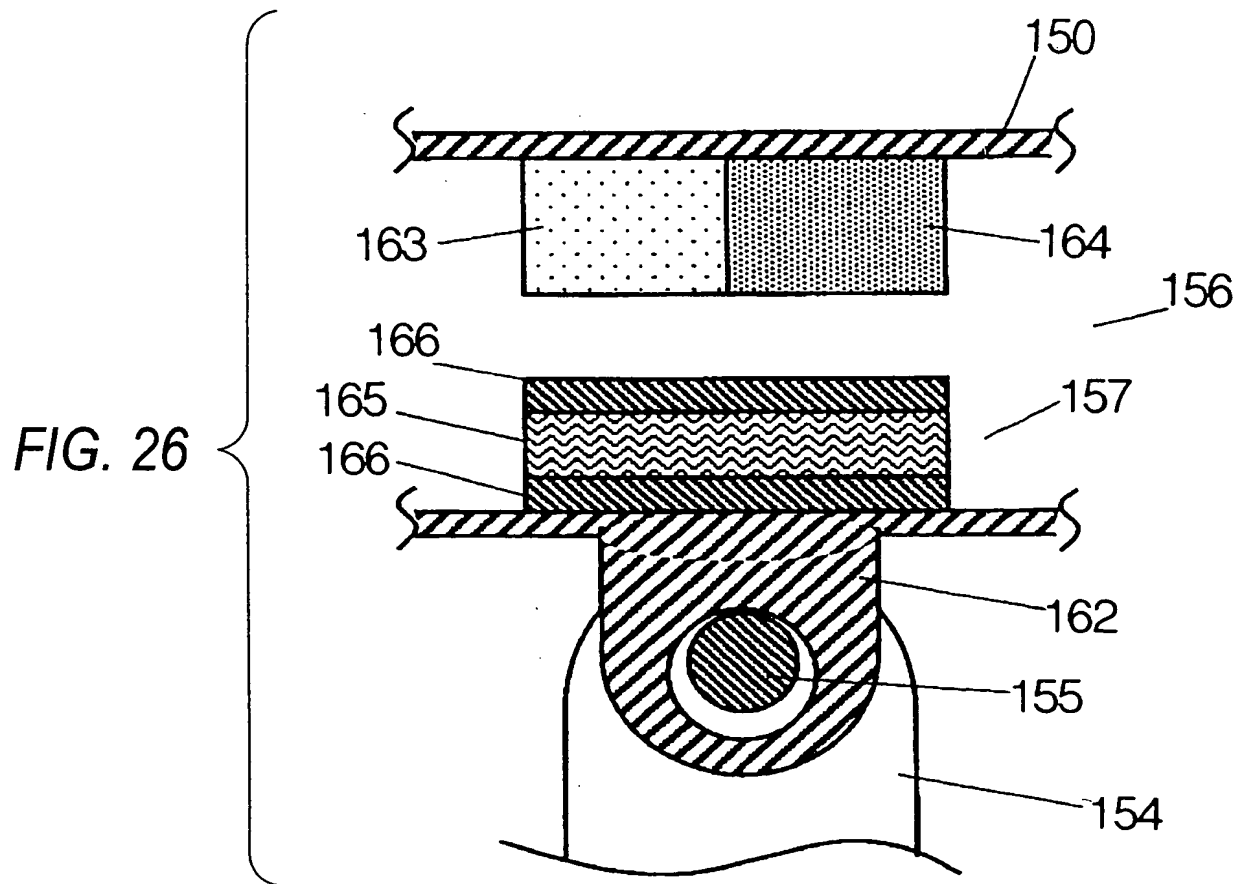
FIG. 24



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FIG. 27 (a)

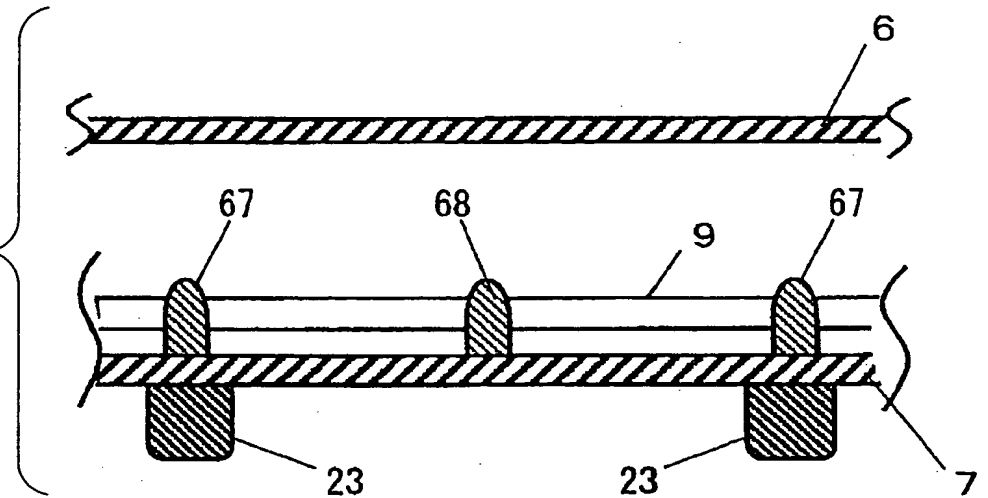
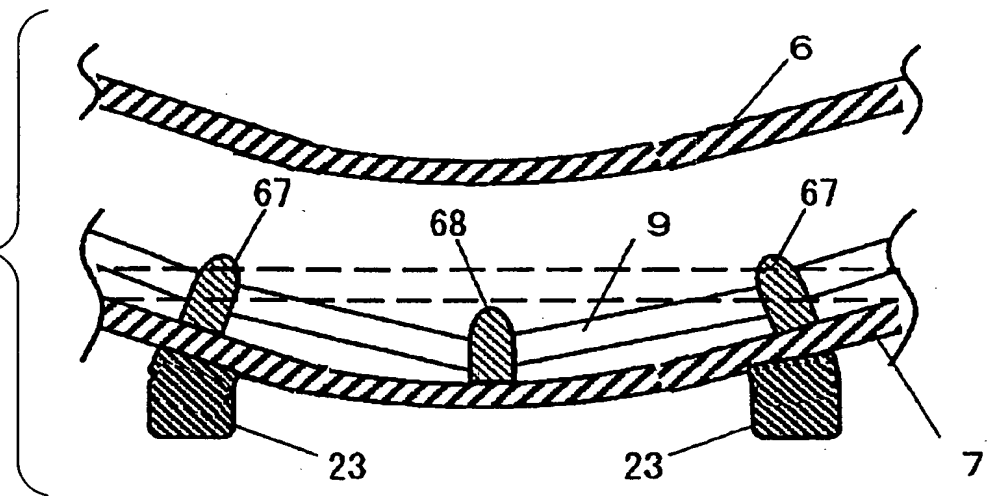


FIG. 27 (b)



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FIG. 28 (a)

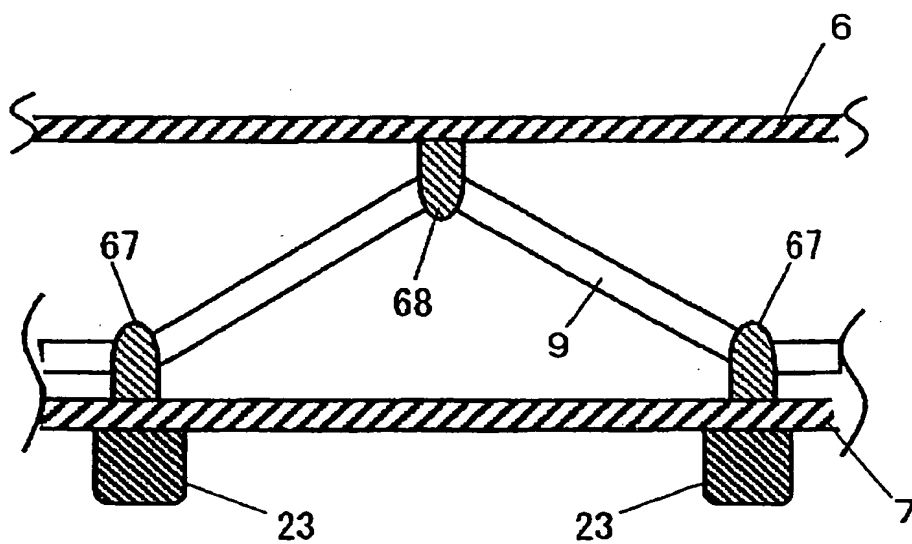
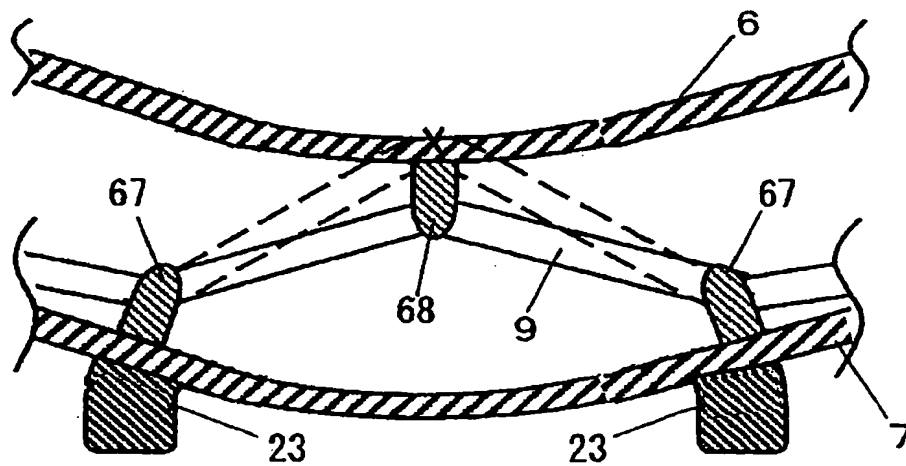
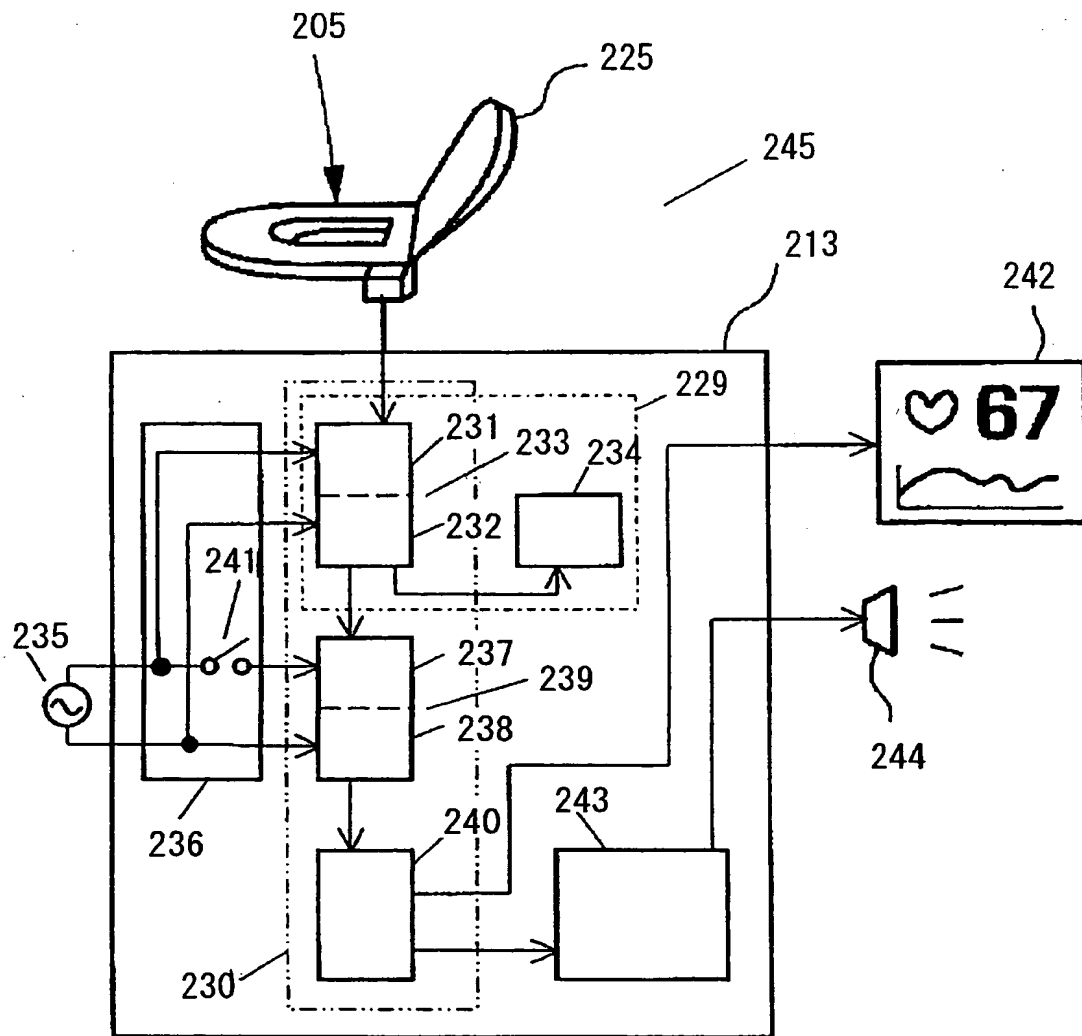


FIG. 28 (b)



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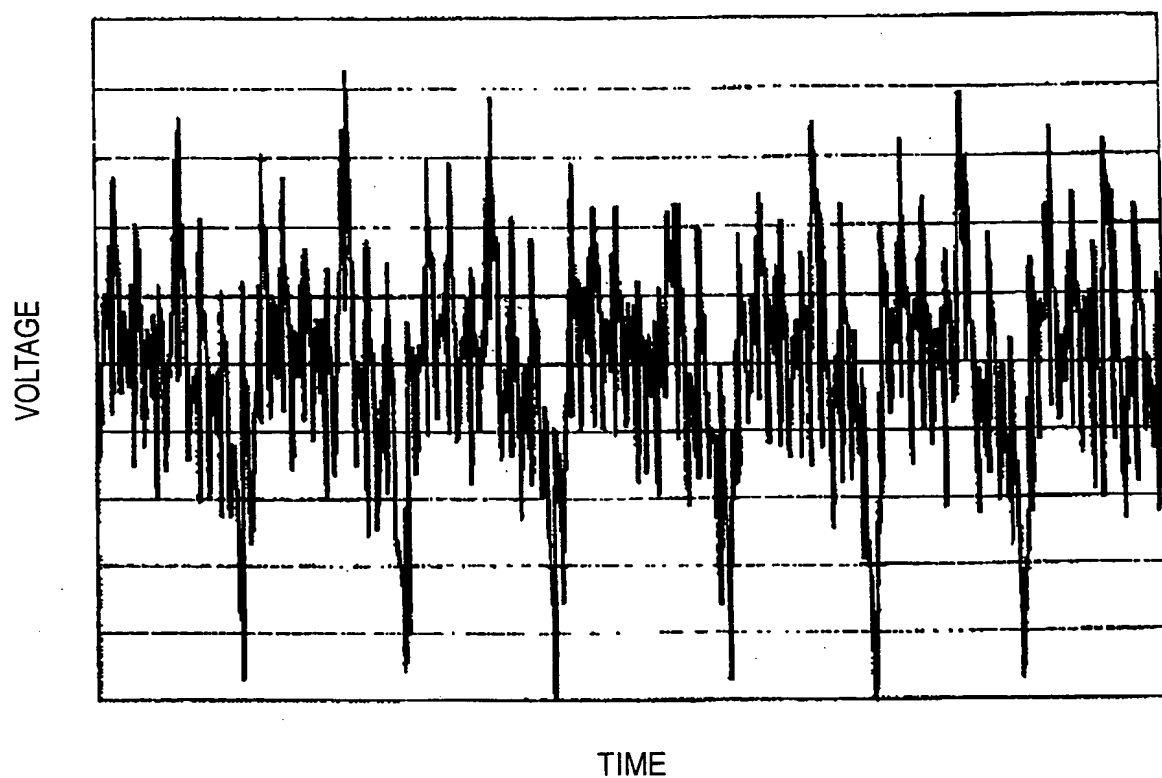
FIG. 29



- 213: CONTROLLING MEANS
- 229: FIRST DETERMINING MEANS (DETERMINING MEANS)
- 230: SECOND DETERMINING MEANS (DETERMINING MEANS)
- 232, 238: AMPLIFYING MEANS
- 236: POWER SUPPLYING MEANS
- 242: DISPLAYING MEANS
- 244: INFORMING MEANS
- 245: VIBRATION DETECTING APPARATUS

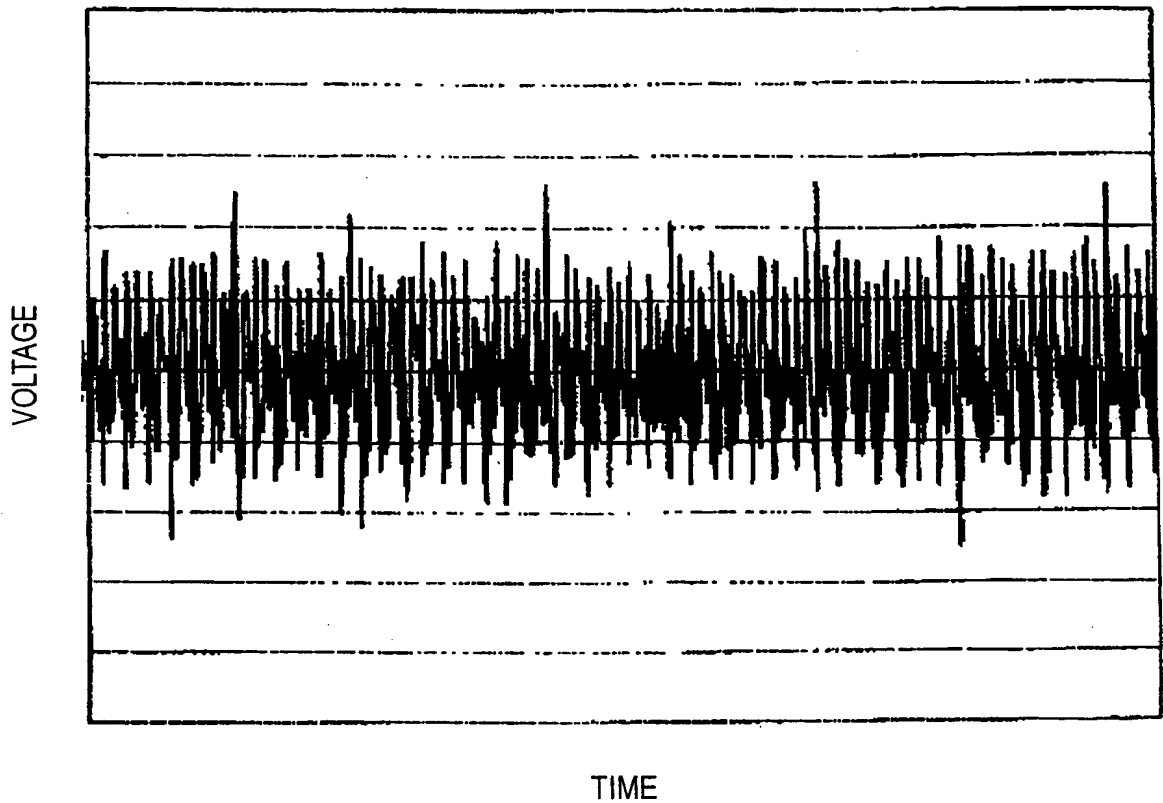
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FIG. 30



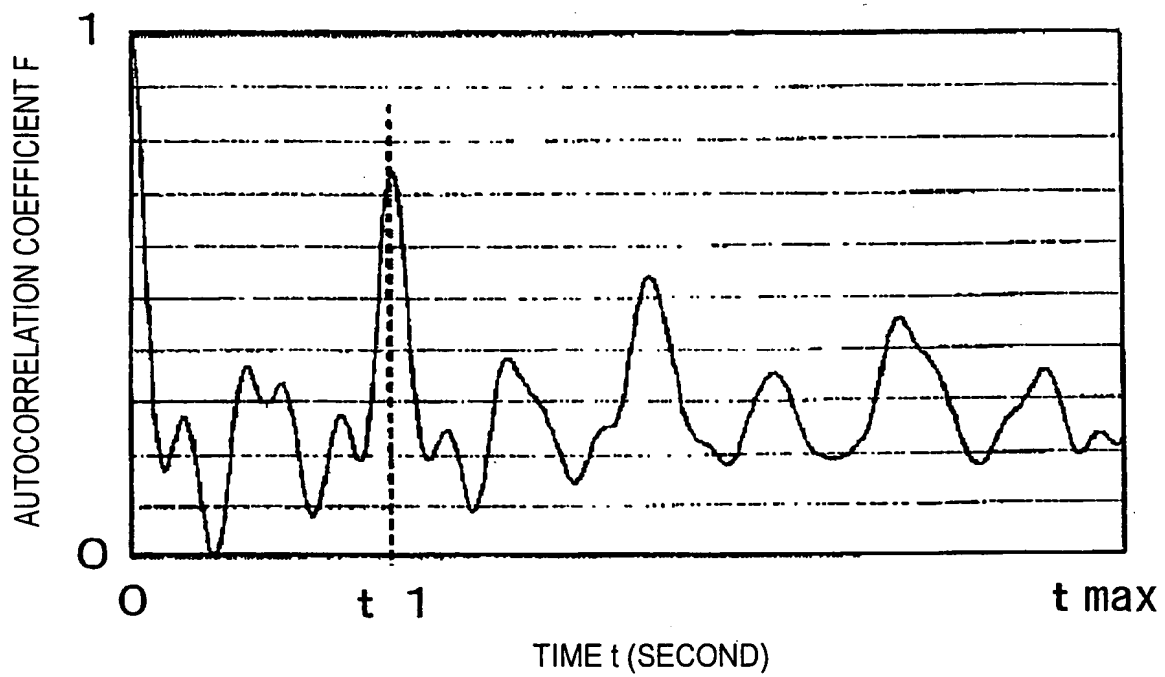
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FIG. 31



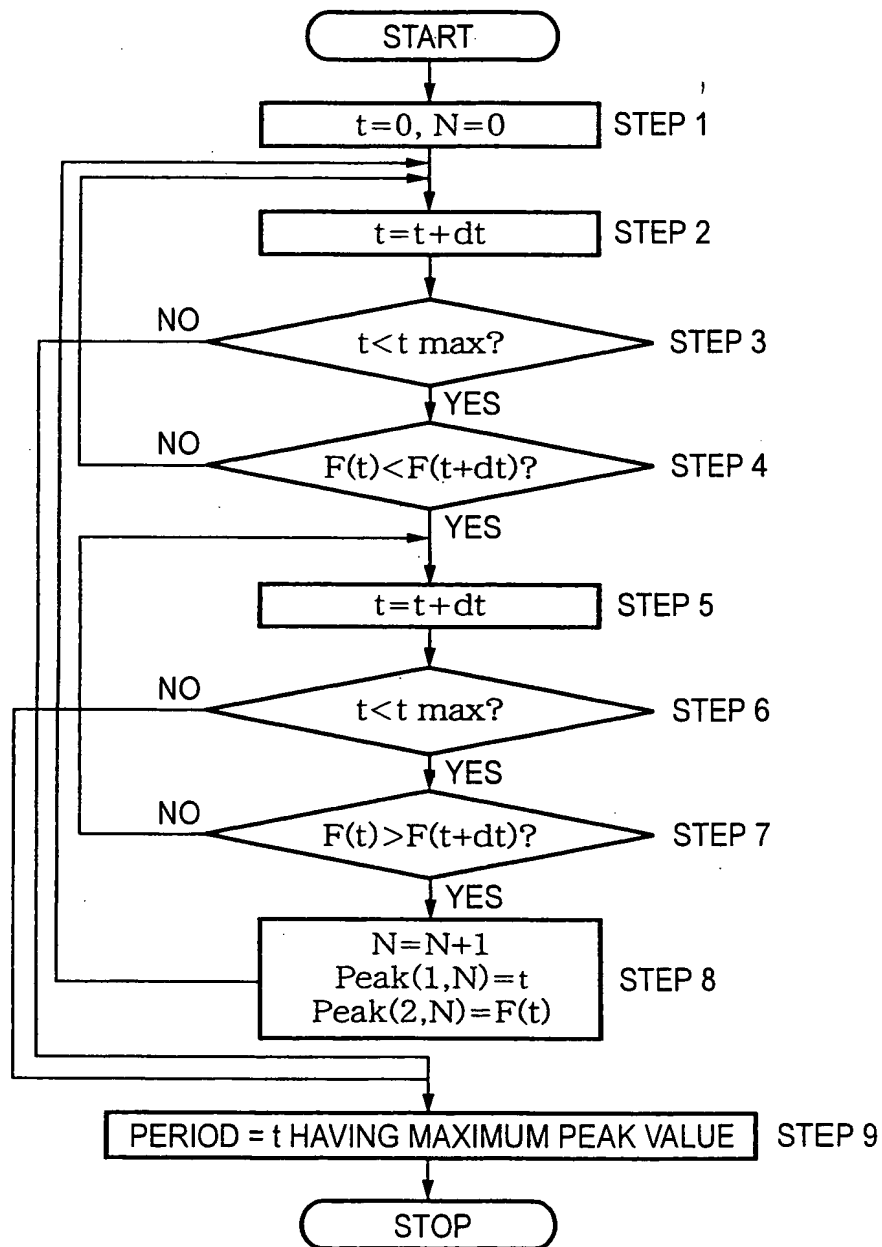
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FIG. 32



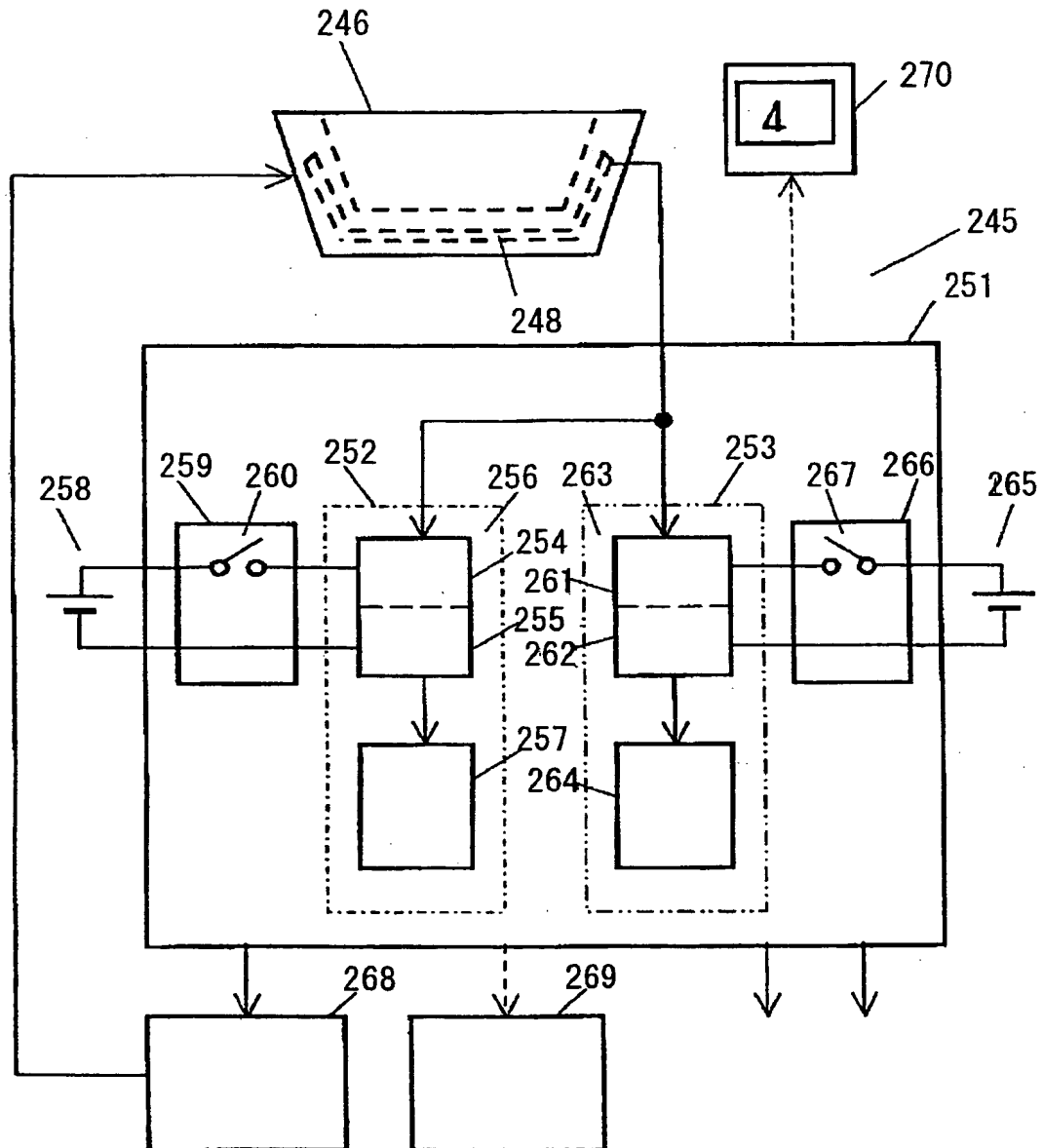
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FIG. 33



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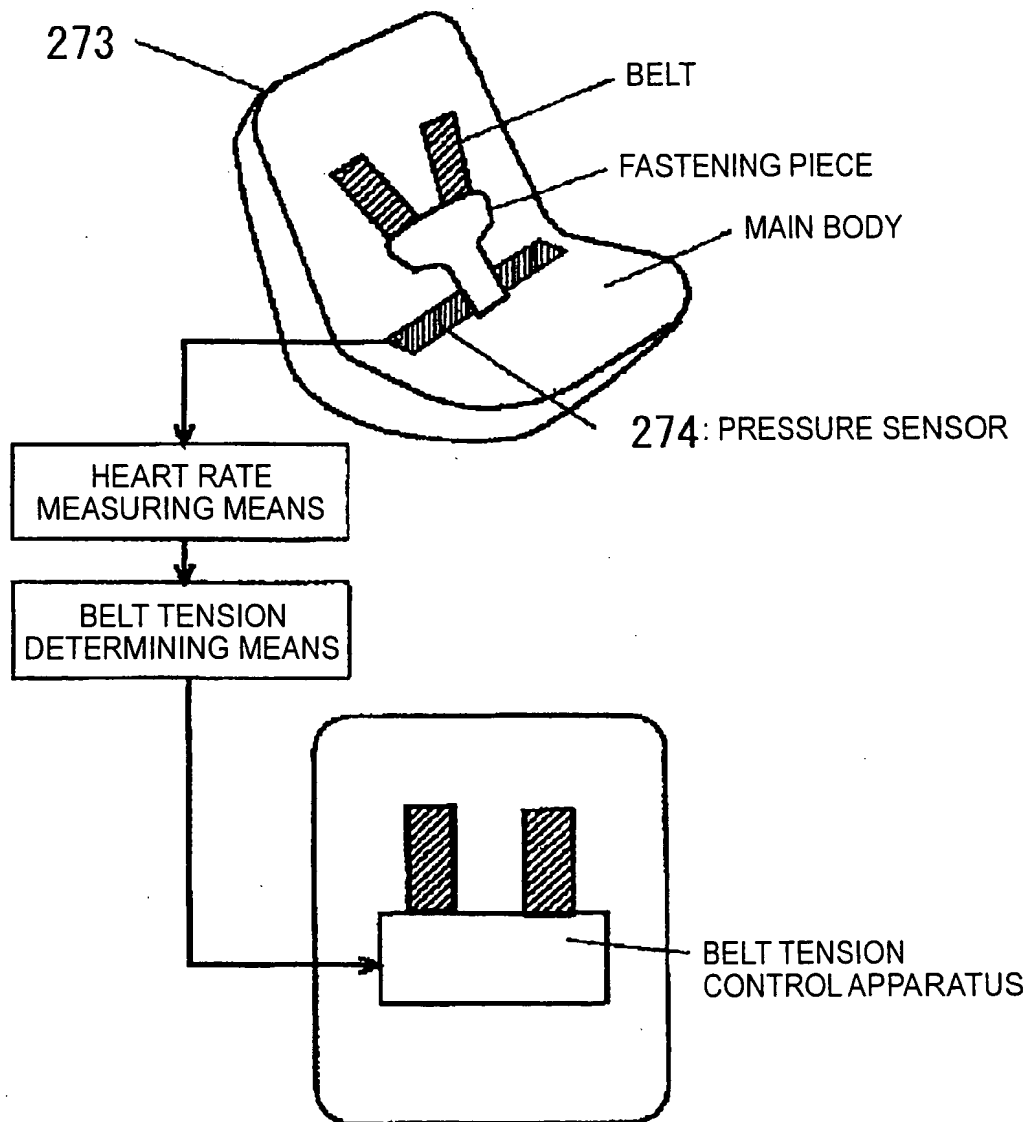
FIG. 34



- 251: CONTROLLING MEANS
- 252: FIRST DETERMINING MEANS (DETERMINING MEANS)
- 253: SECOND DETERMINING MEANS (DETERMINING MEANS)
- 255, 262: AMPLIFYING MEANS
- 259, 266: POWER SUPPLYING MEANS
- 268: HOT WATER SUPPLY APPARATUS
(WATER SUPPLYING AND DISCHARGING MEANS)
- 269: INFORMING MEANS
- 270: DISPLAYING MEANS

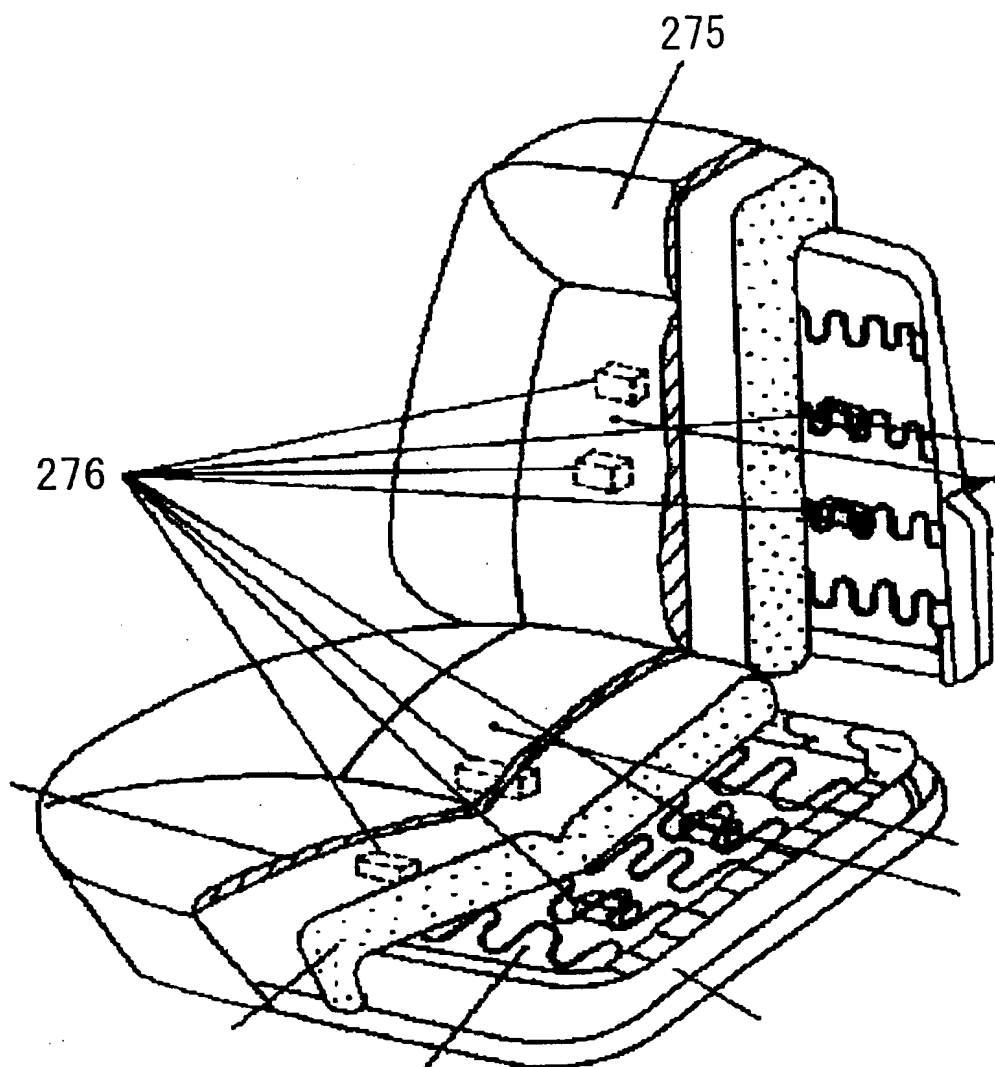
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FIG. 35



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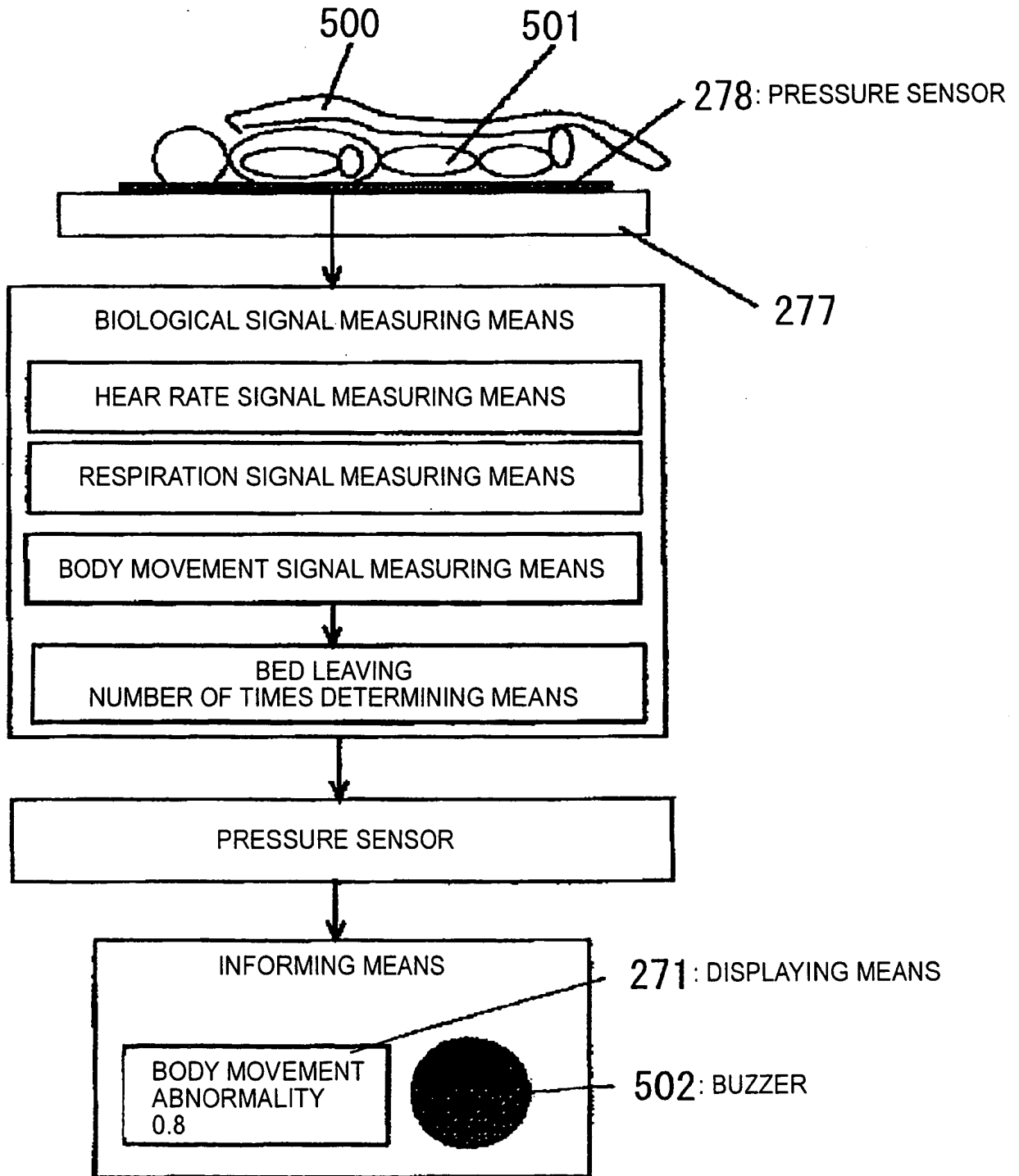
FIG. 36



276: PIEZOELECTRIC SENSOR

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FIG. 37



278: PIEZOELECTRIC SENSOR

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FIG. 38

